

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010522\
 Data File : VY007015.D
 Acq On : 05 Jan 2022 12:51
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/06/2022

Quant Time: Jan 06 04:29:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:16:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	198348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	289297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	44920	20.208	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.420%#		
35) Dibromofluoromethane	7.722	113	42315	22.274	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.540%#		
50) Toluene-d8	10.185	98	158875	20.485	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.980%#		
62) 4-Bromofluorobenzene	12.483	95	59613	22.258	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	44.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	11247	6.197	ug/l	87
3) Chloromethane	2.119	50	25451	11.614	ug/l	96
4) Vinyl Chloride	2.259	62	33623	13.243	ug/l	95
5) Bromomethane	2.662	94	21268	12.747	ug/l	99
6) Chloroethane	2.802	64	20280	13.608	ug/l	98
7) Trichlorofluoromethane	3.125	101	39281	11.976	ug/l	96
8) Diethyl Ether	3.533	74	23454	19.792	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.911	101	41849	21.410	ug/l	97
10) Methyl Iodide	4.094	142	64531	28.006	ug/l	100
11) Tert butyl alcohol	4.954	59	19266	99.963	ug/l	94
12) 1,1-Dichloroethene	3.875	96	43014	21.563	ug/l	97
13) Acrolein	3.735	56	6427	60.027	ug/l	100
14) Allyl chloride	4.484	41	67006	18.328	ug/l	99
15) Acrylonitrile	5.167	53	58332	94.133	ug/l	99
16) Acetone	3.948	43	43436	76.384	ug/l	98
17) Carbon Disulfide	4.198	76	124145	19.109	ug/l	99
18) Methyl Acetate	4.478	43	41421	20.022	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	83711	15.804	ug/l	99
20) Methylene Chloride	4.722	84	80612	31.473	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	45712	20.796	ug/l	97
22) Diisopropyl ether	6.124	45	130943	18.201	ug/l	97
23) Vinyl Acetate	6.063	43	394270	90.556	ug/l	99
24) 1,1-Dichloroethane	6.021	63	79726	20.010	ug/l	97
25) 2-Butanone	6.990	43	70889	87.436	ug/l	99
26) 2,2-Dichloropropane	6.990	77	60016	17.171	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	51862	21.131	ug/l	98
28) Bromochloromethane	7.338	49	25498	15.491	ug/l	99
29) Tetrahydrofuran	7.350	42	50001	92.869	ug/l	99
30) Chloroform	7.508	83	83758	20.865	ug/l	95
31) Cyclohexane	7.789	56	78359	18.854	ug/l	97
32) 1,1,1-Trichloroethane	7.709	97	74501	20.315	ug/l	99
36) 1,1-Dichloropropene	7.923	75	65141	18.950	ug/l	99
37) Ethyl Acetate	7.075	43	33974	17.351	ug/l	98
38) Carbon Tetrachloride	7.905	117	69201	19.149	ug/l	95
39) Methylcyclohexane	9.185	83	86016	19.840	ug/l	99
40) Benzene	8.167	78	179351	18.572	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010522\
 Data File : VY007015.D
 Acq On : 05 Jan 2022 12:51
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/06/2022

Quant Time: Jan 06 04:29:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:16:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	18818m	15.055	ug/l	
42) 1,2-Dichloroethane	8.240	62	54936	17.882	ug/l	100
43) Isopropyl Acetate	8.276	43	66390	17.723	ug/l	99
44) Trichloroethene	8.947	130	50409	19.905	ug/l	95
45) 1,2-Dichloropropane	9.221	63	43725	18.399	ug/l	98
46) Dibromomethane	9.307	93	27037	20.926	ug/l	97
47) Bromodichloromethane	9.502	83	63982	19.428	ug/l	98
48) Methyl methacrylate	9.294	41	31490	17.644	ug/l	100
49) 1,4-Dioxane	9.301	88	5298	332.826	ug/l #	77
51) 4-Methyl-2-Pentanone	10.075	43	167280	86.782	ug/l	99
52) Toluene	10.246	92	116110	19.265	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	69027	19.268	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	78047	19.831	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	36803	20.360	ug/l	97
56) Ethyl methacrylate	10.514	69	53327	19.624	ug/l	100
57) 1,3-Dichloropropane	10.794	76	63246	19.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	122374	93.939	ug/l	99
59) 2-Hexanone	10.837	43	111781	83.687	ug/l	98
60) Dibromochloromethane	10.989	129	44649	20.277	ug/l	99
61) 1,2-Dibromoethane	11.093	107	36870	21.278	ug/l	100
64) Tetrachloroethene	10.721	164	40276	17.152	ug/l	99
65) Chlorobenzene	11.520	112	121183	20.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	44428	20.340	ug/l	99
67) Ethyl Benzene	11.599	91	226573	20.243	ug/l	98
68) m/p-Xylenes	11.709	106	172559	40.582	ug/l	99
69) o-Xylene	12.032	106	81181	20.261	ug/l	100
70) Styrene	12.050	104	138773	20.401	ug/l	99
71) Bromoform	12.215	173	26868	19.870	ug/l #	98
73) Isopropylbenzene	12.337	105	219432	21.938	ug/l	98
74) N-amyl acetate	12.148	43	58174	19.386	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	42858	23.301	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	31407m	22.784	ug/l	
77) Bromobenzene	12.611	156	47202	20.348	ug/l	97
78) n-propylbenzene	12.672	91	263803	21.446	ug/l	99
79) 2-Chlorotoluene	12.757	91	150021	21.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	180953	21.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	16481	23.254	ug/l #	97
82) 4-Chlorotoluene	12.861	91	157138	22.172	ug/l	100
83) tert-Butylbenzene	13.080	119	159978	22.279	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	178424	21.688	ug/l	100
85) sec-Butylbenzene	13.257	105	232843	21.651	ug/l	99
86) p-Isopropyltoluene	13.373	119	192744	21.372	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	92211	20.256	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93338	20.706	ug/l	99
89) n-Butylbenzene	13.702	91	184544	21.392	ug/l	100
90) Hexachloroethane	13.964	117	38092	22.847	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	82375	20.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7568	21.896	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	50109	19.315	ug/l	100
94) Hexachlorobutadiene	15.117	225	26401	16.196	ug/l	99
95) Naphthalene	15.239	128	111900	21.166	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	42664	18.610	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010522\
Data File : VY007015.D
Acq On : 05 Jan 2022 12:51
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

Quant Time: Jan 06 04:29:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:16:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010522\
 Data File : VY007015.D
 Acq On : 05 Jan 2022 12:51
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Manual Integrations

APPROVED

Reviewed By : John Carlone 01/06/2022

Supervised By : Mahesh Dadoda 01/06/2022

Quant Time: Jan 06 04:29:21 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M

Quant Title : SW846 8260

QLast Update : Thu Jan 06 04:16:58 2022

Response via : Initial Calibration

