

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007594.D
 Acq On : 23 Feb 2022 12:58
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Feb 23 15:10:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 15:09:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	83715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	130769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8331	9.636	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.280%#		
35) Dibromofluoromethane	7.716	113	7010	8.593	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	17.180%#		
50) Toluene-d8	10.179	98	23054	8.122	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	16.240%#		
62) 4-Bromofluorobenzene	12.477	95	9562	9.372	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	11084	10.446	ug/l	93
3) Chloromethane	2.113	50	11404	12.062	ug/l	98
4) Vinyl Chloride	2.253	62	12578	12.542	ug/l	97
5) Bromomethane	2.643	94	9358	12.432	ug/l	93
6) Chloroethane	2.790	64	7651	12.059	ug/l	93
7) Trichlorofluoromethane	3.119	101	21720	10.023	ug/l	93
8) Diethyl Ether	3.527	74	5862	11.037	ug/l	61
9) 1,1,2-Trichlorotrifluo...	3.893	101	10131	10.117	ug/l	96
10) Methyl Iodide	4.094	142	11158	9.446	ug/l	95
11) Tert butyl alcohol	4.936	59	5047m	63.000	ug/l	
12) 1,1-Dichloroethene	3.875	96	9321	10.329	ug/l #	67
13) Acrolein	3.729	56	6685	92.478	ug/l	100
14) Allyl chloride	4.478	41	9114	9.989	ug/l #	65
15) Acrylonitrile	5.161	53	11076	57.492	ug/l	96
16) Acetone	3.942	43	10843	53.083	ug/l	95
17) Carbon Disulfide	4.192	76	23337	10.036	ug/l	96
18) Methyl Acetate	4.472	43	4779	10.640	ug/l #	70
19) Methyl tert-butyl Ether	5.228	73	25365	10.422	ug/l	94
20) Methylene Chloride	4.716	84	13319	13.007	ug/l #	73
21) trans-1,2-Dichloroethene	5.216	96	9714	10.690	ug/l #	71
22) Diisopropyl ether	6.112	45	19608	10.650	ug/l #	95
23) Vinyl Acetate	6.057	43	71097	56.293	ug/l #	83
24) 1,1-Dichloroethane	6.021	63	14210	10.145	ug/l #	95
25) 2-Butanone	6.984	43	12986	57.346	ug/l #	67
26) 2,2-Dichloropropane	6.978	77	15670	10.007	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	11124	10.775	ug/l	79
28) Bromochloromethane	7.338	49	5152	11.121	ug/l #	43
29) Tetrahydrofuran	7.350	42	7817	59.498	ug/l #	54
30) Chloroform	7.508	83	18441	10.655	ug/l	99
31) Cyclohexane	7.783	56	12777	10.417	ug/l #	73
32) 1,1,1-Trichloroethane	7.704	97	17763	10.103	ug/l	95
36) 1,1-Dichloropropene	7.917	75	12197	9.983	ug/l	92
37) Ethyl Acetate	7.069	43	6190	12.422	ug/l #	95
38) Carbon Tetrachloride	7.899	117	17868	10.584	ug/l	89
39) Methylcyclohexane	9.179	83	16089	10.400	ug/l #	79
40) Benzene	8.161	78	34967	10.576	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007594.D
 Acq On : 23 Feb 2022 12:58
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 23 15:10:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 15:09:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	3284m	12.440	ug/l	
42) 1,2-Dichloroethane	8.234	62	12458	10.815	ug/l	88
43) Isopropyl Acetate	8.270	43	11696	11.442	ug/l #	94
44) Trichloroethene	8.935	130	11354	10.229	ug/l	97
45) 1,2-Dichloropropane	9.222	63	7498	10.248	ug/l	97
46) Dibromomethane	9.301	93	6144	10.734	ug/l	98
47) Bromodichloromethane	9.496	83	13614	10.134	ug/l #	96
48) Methyl methacrylate	9.295	41	5072	11.655	ug/l #	57
49) 1,4-Dioxane	9.295	88	1706	259.511	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	29498	57.967	ug/l	89
52) Toluene	10.240	92	23974	10.587	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	14079	10.388	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	15588	10.886	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	8645	11.768	ug/l	95
56) Ethyl methacrylate	10.508	69	10102	11.289	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	12698	10.837	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.782	63	23079	53.530	ug/l #	75
59) 2-Hexanone	10.831	43	20749	56.361	ug/l	82
60) Dibromochloromethane	10.983	129	10731	10.654	ug/l	96
61) 1,2-Dibromoethane	11.087	107	7929	10.615	ug/l	94
64) Tetrachloroethene	10.721	164	11526	11.176	ug/l	95
65) Chlorobenzene	11.514	112	26724	10.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	10921	10.495	ug/l	98
67) Ethyl Benzene	11.593	91	44945	9.822	ug/l	99
68) m/p-Xylenes	11.697	106	35583	20.193	ug/l	91
69) o-Xylene	12.032	106	18454	10.878	ug/l	90
70) Styrene	12.044	104	29324	10.380	ug/l	98
71) Bromoform	12.209	173	7759	11.826	ug/l #	95
73) Isopropylbenzene	12.325	105	49006	9.866	ug/l	99
74) N-amyl acetate	12.142	43	9846	10.497	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	9788	11.632	ug/l	94
76) 1,2,3-Trichloropropane	12.629	75	6813	9.723	ug/l #	100
77) Bromobenzene	12.605	156	12855	10.819	ug/l	79
78) n-propylbenzene	12.666	91	55956	9.660	ug/l	96
79) 2-Chlorotoluene	12.757	91	31115	9.656	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	42723	10.240	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	3332	11.390	ug/l #	84
82) 4-Chlorotoluene	12.855	91	32184	9.789	ug/l	92
83) tert-Butylbenzene	13.074	119	37300	9.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	40841	9.980	ug/l	98
85) sec-Butylbenzene	13.251	105	52492	9.764	ug/l	97
86) p-Isopropyltoluene	13.367	119	44463	9.710	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	23714	10.481	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	22534	10.128	ug/l	95
89) n-Butylbenzene	13.690	91	40347	9.707	ug/l	96
90) Hexachloroethane	13.958	117	8570	9.410	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	21857	10.846	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1810	10.995	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	14365	10.472	ug/l	97
94) Hexachlorobutadiene	15.105	225	7775	9.516	ug/l	94
95) Naphthalene	15.233	128	31815	11.288	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	12568	10.613	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
Data File : VY007594.D
Acq On : 23 Feb 2022 12:58
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/24/2022
Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 23 15:10:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 15:09:12 2022
Response via : Initial Calibration

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

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

