

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030821\
 Data File : VY004061.D
 Acq On : 08 Mar 2021 10:39
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:03:00 PM

Quant Time: Mar 08 12:00:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 11:57:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	306633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	485795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	430684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	32059	11.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	22.56%#		
35) Dibromofluoromethane	7.728	113	28327	9.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.10%#		
50) Toluene-d8	10.185	98	112725	9.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.22%#		
62) 4-Bromofluorobenzene	12.483	95	42059	10.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	21.28%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	30091	12.51	ug/l	100
3) Chloromethane	2.119	50	38405	13.47	ug/l	94
4) Vinyl Chloride	2.260	62	41313	12.51	ug/l	98
5) Bromomethane	2.662	94	26405	11.53	ug/l	94
6) Chloroethane	2.808	64	24134	11.50	ug/l	95
7) Trichlorofluoromethane	3.137	101	53930	10.83	ug/l	99
8) Diethyl Ether	3.540	74	17092	11.20	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	30036	11.03	ug/l	95
10) Methyl Iodide	4.107	142	27469	8.72	ug/l	99
11) Tert butyl alcohol	4.972	59	16391	65.90	ug/l #	92
12) 1,1-Dichloroethene	3.887	96	29357	11.06	ug/l	90
13) Acrolein	3.747	56	13501	54.50	ug/l	95
14) Allyl chloride	4.497	41	46756	12.15	ug/l	92
15) Acrylonitrile	5.186	53	43010	57.60	ug/l	98
16) Acetone	3.960	43	38517	63.60	ug/l	94
17) Carbon Disulfide	4.210	76	87706	11.18	ug/l	99
18) Methyl Acetate	4.491	43	19285	12.17	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	82001	11.06	ug/l	98
20) Methylene Chloride	4.735	84	40872	11.59	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	31912	10.17	ug/l	94
22) Diisopropyl ether	6.137	45	99376	11.02	ug/l	94
23) Vinyl Acetate	6.076	43	330807	57.27	ug/l	97
24) 1,1-Dichloroethane	6.033	63	54918	10.35	ug/l	98
25) 2-Butanone	7.003	43	57858	61.63	ug/l	94
26) 2,2-Dichloropropane	6.996	77	53043	11.22	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	36888	10.51	ug/l	92
28) Bromochloromethane	7.350	49	24793	11.76	ug/l	97
29) Tetrahydrofuran	7.362	42	38370	63.02	ug/l	96
30) Chloroform	7.521	83	57351	10.52	ug/l	97
31) Cyclohexane	7.795	56	58899	12.07	ug/l #	89
32) 1,1,1-Trichloroethane	7.716	97	52943	10.55	ug/l	100
36) 1,1-Dichloropropene	7.929	75	45936	10.70	ug/l	99
37) Ethyl Acetate	7.088	43	25151	11.61	ug/l #	96
38) Carbon Tetrachloride	7.917	117	47372	10.09	ug/l	98
39) Methylcyclohexane	9.191	83	58938	10.13	ug/l	95
40) Benzene	8.173	78	126850	10.25	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030821\
 Data File : VY004061.D
 Acq On : 08 Mar 2021 10:39
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:03:00 PM

Quant Time: Mar 08 12:00:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 11:57:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	14622m	10.97	ug/l	
42) 1,2-Dichloroethane	8.246	62	39352	11.13	ug/l	95
43) Isopropyl Acetate	8.283	43	49754	11.96	ug/l	98
44) Trichloroethene	8.947	130	37131	9.57	ug/l	100
45) 1,2-Dichloropropane	9.228	63	31777	10.12	ug/l	96
46) Dibromomethane	9.313	93	18324	10.13	ug/l	96
47) Bromodichloromethane	9.508	83	44683	10.15	ug/l	97
48) Methyl methacrylate	9.301	41	23390	11.79	ug/l	95
49) 1,4-Dioxane	9.307	88	5044	217.13	ug/l #	89
51) 4-Methyl-2-Pentanone	10.075	43	126796	57.59	ug/l	97
52) Toluene	10.252	92	81241	9.60	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	46928	10.21	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	52353	10.02	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	26313	10.15	ug/l	96
56) Ethyl methacrylate	10.514	69	35843	10.70	ug/l	95
57) 1,3-Dichloropropane	10.795	76	44126	10.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	86881	58.07	ug/l	97
59) 2-Hexanone	10.837	43	90953	61.71	ug/l	100
60) Dibromochloromethane	10.990	129	31362	9.64	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25064	10.07	ug/l	97
64) Tetrachloroethene	10.721	164	39000	9.50	ug/l	93
65) Chlorobenzene	11.520	112	86462	9.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32452	9.64	ug/l	99
67) Ethyl Benzene	11.593	91	157841	10.16	ug/l	97
68) m/p-Xylenes	11.709	106	121361	19.86	ug/l	97
69) o-Xylene	12.032	106	57466	9.83	ug/l	96
70) Styrene	12.050	104	98140	9.89	ug/l	98
71) Bromoform	12.209	173	19469	9.11	ug/l #	96
73) Isopropylbenzene	12.331	105	156410	10.08	ug/l	98
74) N-amyl acetate	12.148	43	45802	12.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	28214	10.34	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22366m	10.52	ug/l	
77) Bromobenzene	12.611	156	36649	9.46	ug/l	96
78) n-propylbenzene	12.672	91	184540	10.32	ug/l	98
79) 2-Chlorotoluene	12.758	91	102771	10.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	132592	10.47	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	11169	10.33	ug/l	98
82) 4-Chlorotoluene	12.855	91	109473	10.54	ug/l	97
83) tert-Butylbenzene	13.075	119	115233	10.32	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	134122	10.48	ug/l	98
85) sec-Butylbenzene	13.258	105	157241	10.50	ug/l	99
86) p-Isopropyltoluene	13.373	119	144965	10.32	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	69272	9.70	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	69776	9.66	ug/l	95
89) n-Butylbenzene	13.696	91	139312	10.64	ug/l	99
90) Hexachloroethane	13.965	117	25536	9.89	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	62263	9.59	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5332	11.18	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	42599	9.14	ug/l	97
94) Hexachlorobutadiene	15.117	225	23992	8.62	ug/l	98
95) Naphthalene	15.239	128	84907	9.91	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	35148	9.15	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030821\
Data File : VY004061.D
Acq On : 08 Mar 2021 10:39
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

MMDadoda
3/9/2021 3:03:00 PM

Quant Time: Mar 08 12:00:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 11:57:34 2021
Response via : Initial Calibration

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

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

