

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011713.D
 Acq On : 06 Dec 2022 12:45
 Operator : KP/MD
 Sample : VY1206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 06 23:44:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	186412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	289514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98900	52.250	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.500%			
35) Dibromofluoromethane	7.716	113	96929	54.386	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.780%			
50) Toluene-d8	10.179	98	324533	50.110	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.477	95	128835	53.804	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31160	27.936	ug/l	97
3) Chloromethane	2.113	50	34328	18.904	ug/l	97
4) Vinyl Chloride	2.253	62	38286	18.158	ug/l	100
5) Bromomethane	2.638	94	27086	17.530	ug/l	99
6) Chloroethane	2.790	64	25987	17.665	ug/l	99
7) Trichlorofluoromethane	3.125	101	65964	21.329	ug/l	94
8) Diethyl Ether	3.528	74	22476	22.486	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.900	101	36739	20.543	ug/l	97
10) Methyl Iodide	4.095	142	45557	21.865	ug/l	96
11) Tert butyl alcohol	4.942	59	34534	157.326	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	35172	21.470	ug/l	85
13) Acrolein	3.735	56	6950	139.254	ug/l	98
14) Allyl chloride	4.479	41	59015	20.521	ug/l #	91
15) Acrylonitrile	5.168	53	59207	108.448	ug/l	99
16) Acetone	3.942	43	61774	100.475	ug/l	95
17) Carbon Disulfide	4.198	76	91434	20.139	ug/l	99
18) Methyl Acetate	4.479	43	34634	23.045	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	103271	22.089	ug/l	93
20) Methylene Chloride	4.716	84	67724	23.750	ug/l #	83
21) trans-1,2-Dichloroethene	5.222	96	40199	21.235	ug/l	87
22) Diisopropyl ether	6.119	45	127809	20.360	ug/l #	96
23) Vinyl Acetate	6.058	43	366458	100.218	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	76833	20.846	ug/l	98
25) 2-Butanone	6.984	43	82477	102.074	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	71594	21.047	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	47765	21.432	ug/l	92
28) Bromochloromethane	7.332	49	27476	18.557	ug/l #	83
29) Tetrahydrofuran	7.350	42	47105	103.229	ug/l	88
30) Chloroform	7.509	83	80699	21.113	ug/l	98
31) Cyclohexane	7.783	56	60485	19.279	ug/l #	87
32) 1,1,1-Trichloroethane	7.698	97	71876	21.021	ug/l	95
36) 1,1-Dichloropropene	7.917	75	57659	20.697	ug/l	99
37) Ethyl Acetate	7.076	43	33860	21.345	ug/l	96
38) Carbon Tetrachloride	7.899	117	66105	21.209	ug/l	99
39) Methylcyclohexane	9.185	83	62472	20.094	ug/l	94
40) Benzene	8.161	78	171252	21.103	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16623m	20.725	ug/l	
42) 1,2-Dichloroethane	8.234	62	53299	21.237	ug/l	96
43) Isopropyl Acetate	8.271	43	57548	20.109	ug/l #	91
44) Trichloroethene	8.941	130	46034	21.083	ug/l	96
45) 1,2-Dichloropropane	9.216	63	43172	20.813	ug/l	94
46) Dibromomethane	9.307	93	23654	20.395	ug/l	97
47) Bromodichloromethane	9.496	83	61814	21.159	ug/l	95
48) Methyl methacrylate	9.295	41	26035	20.482	ug/l #	86
49) 1,4-Dioxane	9.301	88	6387	444.680	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	160269	100.744	ug/l	92
52) Toluene	10.246	92	109327	21.304	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	61304	20.993	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	69281	21.089	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	35246	21.242	ug/l	97
56) Ethyl methacrylate	10.508	69	43617	21.136	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	60583	21.559	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	108539	107.391	ug/l	94
59) 2-Hexanone	10.831	43	115725	101.922	ug/l	89
60) Dibromochloromethane	10.984	129	44237	21.754	ug/l	100
61) 1,2-Dibromoethane	11.087	107	32650	21.557	ug/l	100
64) Tetrachloroethene	10.721	164	45549	20.816	ug/l	98
65) Chlorobenzene	11.514	112	119122	21.424	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	44872	21.292	ug/l	97
67) Ethyl Benzene	11.593	91	208027	20.720	ug/l	99
68) m/p-Xylenes	11.703	106	161236	42.189	ug/l	95
69) o-Xylene	12.032	106	75809	21.306	ug/l	95
70) Styrene	12.044	104	130300	21.453	ug/l	96
71) Bromoform	12.209	173	28212	22.004	ug/l #	97
73) Isopropylbenzene	12.331	105	206210	21.208	ug/l	98
74) N-amyl acetate	12.142	43	46631	19.421	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	40671	21.227	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	32277m	22.293	ug/l	
77) Bromobenzene	12.605	156	47807	21.057	ug/l	97
78) n-propylbenzene	12.672	91	250052	21.080	ug/l	99
79) 2-Chlorotoluene	12.758	91	141177	21.116	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	177045	21.601	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	14070	21.285	ug/l	89
82) 4-Chlorotoluene	12.855	91	148448	21.234	ug/l	100
83) tert-Butylbenzene	13.075	119	152125	21.309	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	173230	21.399	ug/l	99
85) sec-Butylbenzene	13.251	105	225714	21.190	ug/l	100
86) p-Isopropyltoluene	13.367	119	189383	21.303	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	97594	21.117	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	96874	20.962	ug/l	98
89) n-Butylbenzene	13.697	91	169684	20.764	ug/l	99
90) Hexachloroethane	13.959	117	36748	20.470	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	88161	21.519	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6605	21.021	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	49754	21.895	ug/l	98
94) Hexachlorobutadiene	15.111	225	31623	22.388	ug/l	98
95) Naphthalene	15.233	128	90454	21.481	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	41894	21.513	ug/l	99

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

