

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006596.D
 Acq On : 03 Nov 2021 12:47
 Operator : SY/MD
 Sample : VY1103SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1103SBS01

Quant Time: Nov 03 21:17:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/09/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	166745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	263923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	240819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97629	47.580	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.160%			
35) Dibromofluoromethane	7.728	113	75232	51.142	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.280%			
50) Toluene-d8	10.185	98	320937	51.466	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.483	95	106561	50.728	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	27035	17.540	ug/l	99
3) Chloromethane	2.119	50	39122	18.804	ug/l	99
4) Vinyl Chloride	2.260	62	43521	18.730	ug/l	99
5) Bromomethane	2.656	94	26973	17.425	ug/l	100
6) Chloroethane	2.802	64	24449	17.819	ug/l	98
7) Trichlorofluoromethane	3.137	101	52743	17.877	ug/l	97
8) Diethyl Ether	3.540	74	18098	18.730	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	31718	21.116	ug/l	98
10) Methyl Iodide	4.107	142	26214	19.405	ug/l	96
11) Tert butyl alcohol	4.966	59	12809	68.715	ug/l	99
12) 1,1-Dichloroethene	3.881	96	30349	20.160	ug/l	96
13) Acrolein	3.741	56	10062	78.080	ug/l	97
14) Allyl chloride	4.491	41	69626	22.471	ug/l	95
15) Acrylonitrile	5.174	53	46745	85.908	ug/l	99
16) Acetone	3.954	43	45388	76.820	ug/l	100
17) Carbon Disulfide	4.204	76	92567	18.747	ug/l	99
18) Methyl Acetate	4.491	43	34373	17.941	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	87543	18.138	ug/l	98
20) Methylene Chloride	4.729	84	51819	26.347	ug/l	91
21) trans-1,2-Dichloroethene	5.235	96	34425	20.165	ug/l	96
22) Diisopropyl ether	6.131	45	141774	22.959	ug/l	95
23) Vinyl Acetate	6.070	43	366790	97.659	ug/l	97
24) 1,1-Dichloroethane	6.027	63	72334	22.402	ug/l	99
25) 2-Butanone	6.997	43	64668	83.545	ug/l	96
26) 2,2-Dichloropropane	6.990	77	64657	21.053	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	39009	20.016	ug/l	94
28) Bromochloromethane	7.344	49	30915	23.598	ug/l	87
29) Tetrahydrofuran	7.362	42	40585	85.462	ug/l	92
30) Chloroform	7.515	83	68761	20.621	ug/l	97
31) Cyclohexane	7.795	56	70684	21.279	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	61844	20.086	ug/l	99
36) 1,1-Dichloropropene	7.929	75	53408	20.480	ug/l	98
37) Ethyl Acetate	7.088	43	29865	18.096	ug/l	99
38) Carbon Tetrachloride	7.911	117	53326	18.537	ug/l	99
39) Methylcyclohexane	9.191	83	62003	19.532	ug/l	95
40) Benzene	8.167	78	150074	20.177	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16777	17.915	ug/l #	30
42) 1,2-Dichloroethane	8.246	62	47163	17.757	ug/l	98
43) Isopropyl Acetate	8.277	43	55912	17.464	ug/l	97
44) Trichloroethene	8.947	130	37319	19.455	ug/l	88
45) 1,2-Dichloropropane	9.228	63	40523	21.996	ug/l	97
46) Dibromomethane	9.313	93	19405	19.189	ug/l	91
47) Bromodichloromethane	9.502	83	51123	19.433	ug/l	95
48) Methyl methacrylate	9.295	41	25514	17.194	ug/l	95
49) 1,4-Dioxane	9.307	88	4186	304.901	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	143405	85.446	ug/l	99
52) Toluene	10.246	92	92000	19.715	ug/l	100
53) t-1,3-Dichloropropene	10.472	75	53261	18.794	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	60837	19.814	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	26320	18.824	ug/l	94
56) Ethyl methacrylate	10.514	69	37745	17.474	ug/l	96
57) 1,3-Dichloropropane	10.795	76	48115	18.935	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	91646	93.004	ug/l	97
59) 2-Hexanone	10.837	43	100768	82.959	ug/l	99
60) Dibromochloromethane	10.990	129	31105	18.035	ug/l	98
61) 1,2-Dibromoethane	11.093	107	23763	18.051	ug/l	100
64) Tetrachloroethene	10.721	164	42806	20.328	ug/l	98
65) Chlorobenzene	11.520	112	93576	19.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	35125	19.908	ug/l	97
67) Ethyl Benzene	11.599	91	182689	20.471	ug/l	98
68) m/p-Xylenes	11.709	106	133093	39.643	ug/l	99
69) o-Xylene	12.032	106	64271	20.063	ug/l	98
70) Styrene	12.044	104	105174	19.202	ug/l	99
71) Bromoform	12.215	173	18816	16.871	ug/l #	98
73) Isopropylbenzene	12.331	105	173144	21.652	ug/l	99
74) N-amyl acetate	12.148	43	49340	18.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	25432	18.370	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21647m	18.376	ug/l	
77) Bromobenzene	12.611	156	37559	19.935	ug/l	93
78) n-propylbenzene	12.672	91	218332	22.092	ug/l	99
79) 2-Chlorotoluene	12.758	91	121505	22.208	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	145336	21.705	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	10406	18.135	ug/l	95
82) 4-Chlorotoluene	12.855	91	124153	21.778	ug/l	97
83) tert-Butylbenzene	13.075	119	124740	21.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	142699	21.314	ug/l	98
85) sec-Butylbenzene	13.258	105	191429	22.156	ug/l	99
86) p-Isopropyltoluene	13.373	119	155420	21.086	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	75429	19.948	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	75687	20.357	ug/l	98
89) n-Butylbenzene	13.697	91	154777	22.323	ug/l	99
90) Hexachloroethane	13.965	117	29918	22.474	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	64639	19.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4481	15.246	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	39760	18.159	ug/l	99
94) Hexachlorobutadiene	15.117	225	28069	20.002	ug/l	100
95) Naphthalene	15.239	128	64740	15.106	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	32225	16.807	ug/l	98

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

