

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006862.D
 Acq On : 23 Nov 2021 11:36
 Operator : SY/MD
 Sample : VY1123SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1123SBS01

Quant Time: Nov 24 02:03:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/26/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	97705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	152411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	148218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65433	51.098	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.200%			
35) Dibromofluoromethane	7.728	113	48119	51.400	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.800%			
50) Toluene-d8	10.185	98	209271	54.020	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.040%			
62) 4-Bromofluorobenzene	12.489	95	66565	50.968	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	19098	20.354	ug/l	91
3) Chloromethane	2.125	50	28990	20.537	ug/l	100
4) Vinyl Chloride	2.265	62	27582	19.246	ug/l	96
5) Bromomethane	2.662	94	19539	25.587	ug/l	96
6) Chloroethane	2.808	64	17934	20.455	ug/l	94
7) Trichlorofluoromethane	3.143	101	40859	22.750	ug/l	98
8) Diethyl Ether	3.540	74	12625	21.106	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.918	101	20941	21.954	ug/l	99
10) Methyl Iodide	4.107	142	23791	19.953	ug/l	99
11) Tert butyl alcohol	4.960	59	12662	65.750	ug/l	96
12) 1,1-Dichloroethene	3.887	96	20228	21.382	ug/l	94
13) Acrolein	3.741	56	8334	309.356	ug/l	96
14) Allyl chloride	4.497	41	45688	21.441	ug/l	99
15) Acrylonitrile	5.173	53	33093	95.918	ug/l	99
16) Acetone	3.960	43	31696	81.467	ug/l	99
17) Carbon Disulfide	4.210	76	68887	20.629	ug/l	99
18) Methyl Acetate	4.491	43	24721	19.629	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	60683	20.350	ug/l	99
20) Methylene Chloride	4.735	84	28649	22.818	ug/l	94
21) trans-1,2-Dichloroethene	5.241	96	24153	22.348	ug/l	93
22) Diisopropyl ether	6.131	45	90770	21.589	ug/l	99
23) Vinyl Acetate	6.076	43	247515	97.491	ug/l	100
24) 1,1-Dichloroethane	6.033	63	47210	21.999	ug/l	100
25) 2-Butanone	6.996	43	44107	85.880	ug/l	96
26) 2,2-Dichloropropane	6.996	77	44264	22.826	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	27164	22.254	ug/l	97
28) Bromochloromethane	7.344	49	20254	20.064	ug/l	93
29) Tetrahydrofuran	7.356	42	27958	86.591	ug/l	95
30) Chloroform	7.515	83	46975	22.770	ug/l	99
31) Cyclohexane	7.795	56	46185	20.520	ug/l	96
32) 1,1,1-Trichloroethane	7.716	97	44127	23.209	ug/l	99
36) 1,1-Dichloropropene	7.929	75	36539	22.056	ug/l	99
37) Ethyl Acetate	7.088	43	20097	18.144	ug/l	99
38) Carbon Tetrachloride	7.911	117	40063	23.643	ug/l	100
39) Methylcyclohexane	9.191	83	41966	20.771	ug/l	98
40) Benzene	8.173	78	104143	22.331	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	12945m	13.919	ug/l	
42) 1,2-Dichloroethane	8.252	62	34931	22.482	ug/l	99
43) Isopropyl Acetate	8.283	43	37918	18.250	ug/l	98
44) Trichloroethene	8.947	130	25533	22.505	ug/l	98
45) 1,2-Dichloropropane	9.222	63	25939	21.558	ug/l	96
46) Dibromomethane	9.313	93	12824	20.463	ug/l	98
47) Bromodichloromethane	9.502	83	36066	22.662	ug/l	96
48) Methyl methacrylate	9.301	41	17110	17.381	ug/l	99
49) 1,4-Dioxane	9.307	88	2984	414.961	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	87372	79.834	ug/l	100
52) Toluene	10.252	92	65481	23.122	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	36848	21.300	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	40841	21.050	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	17836	21.319	ug/l	97
56) Ethyl methacrylate	10.514	69	24415	18.774	ug/l	94
57) 1,3-Dichloropropane	10.794	76	32458	21.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	63558	89.267	ug/l	97
59) 2-Hexanone	10.837	43	60053	91.471	ug/l	99
60) Dibromochloromethane	10.989	129	23089	22.514	ug/l	99
61) 1,2-Dibromoethane	11.099	107	16647	21.476	ug/l	98
64) Tetrachloroethene	10.727	164	25203	23.269	ug/l	91
65) Chlorobenzene	11.520	112	68612	22.753	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	25436	22.556	ug/l	99
67) Ethyl Benzene	11.599	91	128578	22.495	ug/l	99
68) m/p-Xylenes	11.709	106	97883	44.935	ug/l	96
69) o-Xylene	12.032	106	45334	21.968	ug/l	94
70) Styrene	12.050	104	76525	21.957	ug/l	99
71) Bromoform	12.215	173	15062	22.067	ug/l #	96
73) Isopropylbenzene	12.337	105	120961	23.380	ug/l	100
74) N-amyl acetate	12.148	43	26022	16.161	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	17527	18.310	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	14341m	19.416	ug/l	
77) Bromobenzene	12.617	156	29375	24.931	ug/l	85
78) n-propylbenzene	12.678	91	144105	22.848	ug/l	96
79) 2-Chlorotoluene	12.764	91	81910	23.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	102774	24.238	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	6513	17.472	ug/l #	91
82) 4-Chlorotoluene	12.861	91	86197	23.891	ug/l	98
83) tert-Butylbenzene	13.081	119	90387	24.543	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	99978	23.616	ug/l	100
85) sec-Butylbenzene	13.257	105	127135	23.181	ug/l	100
86) p-Isopropyltoluene	13.373	119	105838	22.796	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	52358	22.313	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	51533	22.255	ug/l	99
89) n-Butylbenzene	13.702	91	98944	22.585	ug/l	100
90) Hexachloroethane	13.965	117	19263	23.022	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	45489	22.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3055	18.055	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	25842	19.533	ug/l	98
94) Hexachlorobutadiene	15.117	225	18216	21.102	ug/l	97
95) Naphthalene	15.245	128	43869	17.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	21082	19.123	ug/l	99

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

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