

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006863.D
 Acq On : 23 Nov 2021 11:59
 Operator : SY/MD
 Sample : VY1123SBSD01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1123SBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 02:03:51 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

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	99986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	155835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	146757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	73899	56.393	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.780%			
35) Dibromofluoromethane	7.728	113	52984	55.353	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.700%			
50) Toluene-d8	10.185	98	219568	55.432	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.860%			
62) 4-Bromofluorobenzene	12.483	95	77276	57.870	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	20286	21.127	ug/l	97
3) Chloromethane	2.119	50	28892	20.001	ug/l	95
4) Vinyl Chloride	2.260	62	28034	19.115	ug/l	100
5) Bromomethane	2.656	94	18610	23.814	ug/l	100
6) Chloroethane	2.802	64	16474	18.361	ug/l	92
7) Trichlorofluoromethane	3.137	101	41432	22.542	ug/l	100
8) Diethyl Ether	3.540	74	13083	21.373	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.918	101	21353	21.875	ug/l	98
10) Methyl Iodide	4.113	142	24799	20.324	ug/l	99
11) Tert butyl alcohol	4.960	59	14056	71.323	ug/l	96
12) 1,1-Dichloroethene	3.887	96	21143	21.839	ug/l	97
13) Acrolein	3.741	56	10109	366.683	ug/l	99
14) Allyl chloride	4.497	41	45909	21.053	ug/l	99
15) Acrylonitrile	5.180	53	37549	106.351	ug/l	98
16) Acetone	3.960	43	37191	93.410	ug/l	97
17) Carbon Disulfide	4.210	76	67277	19.687	ug/l	96
18) Methyl Acetate	4.491	43	29394	22.806	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	65984	21.623	ug/l	95
20) Methylene Chloride	4.735	84	27658	21.317	ug/l	92
21) trans-1,2-Dichloroethene	5.241	96	23809	21.527	ug/l	97
22) Diisopropyl ether	6.131	45	92571	21.515	ug/l	98
23) Vinyl Acetate	6.076	43	259620	99.926	ug/l	98
24) 1,1-Dichloroethane	6.033	63	48810	22.226	ug/l	98
25) 2-Butanone	6.996	43	51029	95.589	ug/l	98
26) 2,2-Dichloropropane	6.996	77	44154	22.250	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	27328	21.878	ug/l	96
28) Bromochloromethane	7.344	49	21057	20.384	ug/l	91
29) Tetrahydrofuran	7.356	42	32152	97.309	ug/l	97
30) Chloroform	7.521	83	47399	22.451	ug/l	97
31) Cyclohexane	7.795	56	46163	20.043	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	43485	22.350	ug/l	97
36) 1,1-Dichloropropene	7.929	75	36250	21.401	ug/l	99
37) Ethyl Acetate	7.082	43	22488	19.857	ug/l	99
38) Carbon Tetrachloride	7.911	117	38547	22.249	ug/l	99
39) Methylcyclohexane	9.191	83	41467	20.073	ug/l	98
40) Benzene	8.173	78	105506	22.126	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	16794m	17.661	ug/l	
42) 1,2-Dichloroethane	8.246	62	36259	22.824	ug/l	100
43) Isopropyl Acetate	8.283	43	42126	19.830	ug/l	99
44) Trichloroethene	8.947	130	25327	21.833	ug/l	93
45) 1,2-Dichloropropane	9.228	63	26126	21.236	ug/l	99
46) Dibromomethane	9.313	93	13724	21.418	ug/l	97
47) Bromodichloromethane	9.502	83	36718	22.564	ug/l	99
48) Methyl methacrylate	9.301	41	20276	20.145	ug/l	97
49) 1,4-Dioxane	9.307	88	3035	412.780	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	114844	102.630	ug/l	98
52) Toluene	10.252	92	63534	21.942	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	38808	21.940	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	42536	21.442	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	18707	21.868	ug/l	94
56) Ethyl methacrylate	10.514	69	27475	20.663	ug/l	99
57) 1,3-Dichloropropane	10.795	76	34654	22.200	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	68643	94.290	ug/l	99
59) 2-Hexanone	10.837	43	78465	110.271	ug/l	98
60) Dibromochloromethane	10.990	129	23208	22.133	ug/l	99
61) 1,2-Dibromoethane	11.093	107	16972	21.414	ug/l	99
64) Tetrachloroethene	10.721	164	22882	21.337	ug/l	97
65) Chlorobenzene	11.520	112	64819	21.709	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	24650	22.076	ug/l	100
67) Ethyl Benzene	11.599	91	123483	21.819	ug/l	98
68) m/p-Xylenes	11.709	106	93806	43.492	ug/l	99
69) o-Xylene	12.032	106	43953	21.511	ug/l	99
70) Styrene	12.050	104	74553	21.605	ug/l	100
71) Bromoform	12.215	173	14633	21.652	ug/l #	100
73) Isopropylbenzene	12.337	105	121924	20.619	ug/l	100
74) N-amyl acetate	12.148	43	35655	18.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	21627	19.767	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	17492m	20.720	ug/l	
77) Bromobenzene	12.611	156	29362	21.803	ug/l	97
78) n-propylbenzene	12.678	91	149062	20.678	ug/l	99
79) 2-Chlorotoluene	12.764	91	82972	21.034	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	105798	21.830	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	8118	19.054	ug/l	99
82) 4-Chlorotoluene	12.861	91	86453	20.965	ug/l	98
83) tert-Butylbenzene	13.081	119	89751	21.322	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	102329	21.148	ug/l	100
85) sec-Butylbenzene	13.258	105	132373	21.117	ug/l	99
86) p-Isopropyltoluene	13.373	119	112211	21.146	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	58657	21.871	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	57945	21.894	ug/l	99
89) n-Butylbenzene	13.703	91	103412	20.653	ug/l	99
90) Hexachloroethane	13.965	117	19694	20.594	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	49273	21.318	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3739	19.333	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	31449	20.798	ug/l	99
94) Hexachlorobutadiene	15.117	225	21616	21.909	ug/l	97
95) Naphthalene	15.239	128	51749	18.500	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26289	20.864	ug/l	98

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

