

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006879.D
 Acq On : 24 Nov 2021 15:37
 Operator : SY/MD
 Sample : VY1124SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 16:24:05 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	104475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	161410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	153300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67180	49.063	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.120%		
35) Dibromofluoromethane	7.728	113	49926	50.357	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.720%		
50) Toluene-d8	10.185	98	208646	50.856	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.720%		
62) 4-Bromofluorobenzene	12.483	95	66115	47.801	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21380	21.309	ug/l	93
3) Chloromethane	2.125	50	31878	21.120	ug/l	98
4) Vinyl Chloride	2.266	62	29990	19.570	ug/l	99
5) Bromomethane	2.656	94	20476	25.076	ug/l	95
6) Chloroethane	2.808	64	18358	19.582	ug/l	100
7) Trichlorofluoromethane	3.137	101	46569	24.249	ug/l	97
8) Diethyl Ether	3.540	74	13651	21.343	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	24426	23.948	ug/l	98
10) Methyl Iodide	4.107	142	25464	19.972	ug/l	99
11) Tert butyl alcohol	4.948	59	12629	61.329	ug/l	95
12) 1,1-Dichloroethene	3.881	96	24105	23.829	ug/l	93
13) Acrolein	3.741	56	12543	435.423	ug/l	99
14) Allyl chloride	4.491	41	50543	22.182	ug/l	100
15) Acrylonitrile	5.174	53	36323	98.458	ug/l	99
16) Acetone	3.954	43	33206	79.818	ug/l	97
17) Carbon Disulfide	4.210	76	77351	21.662	ug/l	98
18) Methyl Acetate	4.491	43	25631	19.032	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	68207	21.391	ug/l	98
20) Methylene Chloride	4.729	84	33623	25.403	ug/l	89
21) trans-1,2-Dichloroethene	5.235	96	26635	23.048	ug/l	97
22) Diisopropyl ether	6.131	45	103615	23.047	ug/l	97
23) Vinyl Acetate	6.070	43	284097	104.649	ug/l	97
24) 1,1-Dichloroethane	6.027	63	54109	23.580	ug/l	99
25) 2-Butanone	6.997	43	42848	79.074	ug/l	99
26) 2,2-Dichloropropane	6.997	77	46188	22.275	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	27890	21.369	ug/l	97
28) Bromochloromethane	7.344	49	20205	18.719	ug/l	94
29) Tetrahydrofuran	7.356	42	27820	80.580	ug/l	95
30) Chloroform	7.515	83	47740	21.641	ug/l	99
31) Cyclohexane	7.789	56	48311	20.074	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	46359	22.803	ug/l	98
36) 1,1-Dichloropropene	7.929	75	37842	21.569	ug/l	98
37) Ethyl Acetate	7.082	43	19533	16.652	ug/l	98
38) Carbon Tetrachloride	7.911	117	41198	22.958	ug/l	98
39) Methylcyclohexane	9.191	83	44997	21.029	ug/l	99
40) Benzene	8.173	78	106150	21.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	11399m	11.574	ug/l	
42) 1,2-Dichloroethane	8.246	62	35276	21.438	ug/l	100
43) Isopropyl Acetate	8.277	43	37877	17.214	ug/l #	90
44) Trichloroethene	8.947	130	26313	21.900	ug/l	97
45) 1,2-Dichloropropane	9.222	63	26294	20.634	ug/l	97
46) Dibromomethane	9.313	93	13107	19.748	ug/l	98
47) Bromodichloromethane	9.502	83	36009	21.364	ug/l	98
48) Methyl methacrylate	9.301	41	17398	16.688	ug/l	97
49) 1,4-Dioxane	9.307	88	2606	342.191	ug/l	86
51) 4-Methyl-2-Pentanone	10.075	43	95235	82.167	ug/l	99
52) Toluene	10.252	92	65055	21.691	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	36447	19.894	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	42251	20.563	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	17806	20.096	ug/l	98
56) Ethyl methacrylate	10.514	69	24706	17.939	ug/l	96
57) 1,3-Dichloropropane	10.795	76	31665	19.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	67999	90.179	ug/l	98
59) 2-Hexanone	10.837	43	60109	87.759	ug/l	100
60) Dibromochloromethane	10.990	129	23349	21.498	ug/l	98
61) 1,2-Dibromoethane	11.093	107	15845	19.302	ug/l	99
64) Tetrachloroethene	10.728	164	25269	22.557	ug/l	98
65) Chlorobenzene	11.520	112	69465	22.272	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	25297	21.689	ug/l	100
67) Ethyl Benzene	11.599	91	129544	21.913	ug/l	99
68) m/p-Xylenes	11.709	106	97712	43.369	ug/l	98
69) o-Xylene	12.032	106	46374	21.727	ug/l	98
70) Styrene	12.050	104	77080	21.384	ug/l	99
71) Bromoform	12.209	173	14376	20.364	ug/l #	98
73) Isopropylbenzene	12.331	105	127838	23.151	ug/l	98
74) N-amyl acetate	12.148	43	28331	16.422	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	16720	16.365	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	13605m	17.258	ug/l	
77) Bromobenzene	12.611	156	28990	23.053	ug/l	86
78) n-propylbenzene	12.672	91	146724	21.796	ug/l	98
79) 2-Chlorotoluene	12.758	91	82102	22.288	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	105960	23.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	7022	17.650	ug/l	98
82) 4-Chlorotoluene	12.861	91	87500	22.723	ug/l	99
83) tert-Butylbenzene	13.081	119	93247	23.723	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	102903	22.774	ug/l	99
85) sec-Butylbenzene	13.258	105	135571	23.160	ug/l	99
86) p-Isopropyltoluene	13.373	119	111466	22.494	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	53788	21.477	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	54231	21.943	ug/l	99
89) n-Butylbenzene	13.703	91	107245	22.936	ug/l	99
90) Hexachloroethane	13.965	117	20211	22.632	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	46390	21.493	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3225	17.857	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	27886	19.749	ug/l	98
94) Hexachlorobutadiene	15.117	225	20317	22.052	ug/l	99
95) Naphthalene	15.245	128	44434	17.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	22338	18.985	ug/l	100

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

