

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006881.D
 Acq On : 24 Nov 2021 16:40
 Operator : SY/MD
 Sample : VY1124SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 09:57:08 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	106394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	164160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	155684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	68976	49.466	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.940%		
35) Dibromofluoromethane	7.728	113	48994	48.589	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.180%		
50) Toluene-d8	10.185	98	204411	48.989	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.483	95	70386	50.037	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	20761	20.319	ug/l	99
3) Chloromethane	2.119	50	30826	20.055	ug/l	99
4) Vinyl Chloride	2.260	62	29312	18.783	ug/l	96
5) Bromomethane	2.656	94	20400	24.533	ug/l	98
6) Chloroethane	2.802	64	17328	18.150	ug/l	96
7) Trichlorofluoromethane	3.137	101	42483	21.722	ug/l	99
8) Diethyl Ether	3.546	74	13395	20.565	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	22131	21.307	ug/l	99
10) Methyl Iodide	4.107	142	23528	18.121	ug/l	98
11) Tert butyl alcohol	4.954	59	13123	62.579	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	21037	20.421	ug/l	100
13) Acrolein	3.741	56	12125	413.320	ug/l	97
14) Allyl chloride	4.497	41	46427	20.008	ug/l	100
15) Acrylonitrile	5.180	53	36890	98.192	ug/l	100
16) Acetone	3.960	43	35709	84.286	ug/l	99
17) Carbon Disulfide	4.210	76	68384	18.806	ug/l	100
18) Methyl Acetate	4.485	43	26251	19.141	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	67699	20.848	ug/l	98
20) Methylene Chloride	4.735	84	28546	20.566	ug/l	96
21) trans-1,2-Dichloroethene	5.241	96	24369	20.707	ug/l	96
22) Diisopropyl ether	6.137	45	93396	20.400	ug/l	98
23) Vinyl Acetate	6.076	43	276298	99.940	ug/l	99
24) 1,1-Dichloroethane	6.033	63	47784	20.448	ug/l	99
25) 2-Butanone	6.996	43	49988	88.913	ug/l	98
26) 2,2-Dichloropropane	6.996	77	45842	21.709	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	27645	20.799	ug/l	95
28) Bromochloromethane	7.344	49	20799	18.921	ug/l	94
29) Tetrahydrofuran	7.356	42	32066	91.204	ug/l	96
30) Chloroform	7.521	83	48018	21.374	ug/l	99
31) Cyclohexane	7.801	56	47113	19.223	ug/l	100
32) 1,1,1-Trichloroethane	7.716	97	44952	21.712	ug/l	98
36) 1,1-Dichloropropene	7.929	75	37540	21.039	ug/l	97
37) Ethyl Acetate	7.082	43	23096	19.360	ug/l	100
38) Carbon Tetrachloride	7.905	117	41147	22.545	ug/l	97
39) Methylcyclohexane	9.191	83	44416	20.410	ug/l	97
40) Benzene	8.173	78	104396	20.783	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	12518m	12.497	ug/l	
42) 1,2-Dichloroethane	8.246	62	37133	22.189	ug/l	100
43) Isopropyl Acetate	8.277	43	43402	19.394	ug/l	100
44) Trichloroethene	8.947	130	26306	21.527	ug/l	99
45) 1,2-Dichloropropane	9.222	63	26955	20.799	ug/l	100
46) Dibromomethane	9.313	93	14206	21.046	ug/l	96
47) Bromodichloromethane	9.502	83	37473	21.860	ug/l	96
48) Methyl methacrylate	9.301	41	19433	18.328	ug/l	99
49) 1,4-Dioxane	9.301	88	2936	379.065	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	113888	96.615	ug/l	98
52) Toluene	10.252	92	65172	21.366	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	37512	20.132	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	43207	20.676	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	18968	21.049	ug/l	96
56) Ethyl methacrylate	10.514	69	26784	19.122	ug/l	91
57) 1,3-Dichloropropane	10.795	76	33301	20.252	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	72286	94.259	ug/l	98
59) 2-Hexanone	10.837	43	70244	97.288	ug/l	97
60) Dibromochloromethane	10.990	129	23960	21.691	ug/l	97
61) 1,2-Dibromoethane	11.093	107	17461	20.914	ug/l	100
64) Tetrachloroethene	10.721	164	25387	22.315	ug/l	95
65) Chlorobenzene	11.520	112	68578	21.651	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	25950	21.908	ug/l	99
67) Ethyl Benzene	11.599	91	127294	21.203	ug/l	99
68) m/p-Xylenes	11.709	106	97295	42.523	ug/l	98
69) o-Xylene	12.032	106	45413	20.951	ug/l	94
70) Styrene	12.050	104	77288	21.113	ug/l	98
71) Bromoform	12.215	173	16093	22.447	ug/l #	99
73) Isopropylbenzene	12.337	105	124646	20.600	ug/l	99
74) N-amyl acetate	12.148	43	33686	17.551	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	21337	19.059	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	16738m	19.376	ug/l	
77) Bromobenzene	12.611	156	29599	21.479	ug/l	96
78) n-propylbenzene	12.672	91	151845	20.585	ug/l	98
79) 2-Chlorotoluene	12.758	91	85230	21.114	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	104381	21.048	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	7959	18.256	ug/l	99
82) 4-Chlorotoluene	12.855	91	88271	20.919	ug/l	99
83) tert-Butylbenzene	13.081	119	92842	21.554	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	104341	21.073	ug/l	98
85) sec-Butylbenzene	13.258	105	138887	21.652	ug/l	98
86) p-Isopropyltoluene	13.373	119	118457	21.815	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	59743	21.769	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	57236	21.134	ug/l	99
89) n-Butylbenzene	13.696	91	103056	20.113	ug/l	98
90) Hexachloroethane	13.965	117	20465	20.913	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	51046	21.582	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3369	17.024	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	29038	18.767	ug/l	98
94) Hexachlorobutadiene	15.117	225	20067	19.876	ug/l	99
95) Naphthalene	15.239	128	50642	17.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	24235	18.796	ug/l	99

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

