

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006738.D
 Acq On : 15 Nov 2021 18:11
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Quant Time: Nov 16 04:22:22 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 :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	133803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	217696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84555	48.217	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.440%		
35) Dibromofluoromethane	7.722	113	62001	46.367	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.740%		
50) Toluene-d8	10.185	98	254212	45.941	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.880%		
62) 4-Bromofluorobenzene	12.483	95	87611	46.965	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24567	19.119	ug/l	96
3) Chloromethane	2.119	50	38939	20.143	ug/l	99
4) Vinyl Chloride	2.260	62	40208	20.487	ug/l	95
5) Bromomethane	2.644	94	22219	21.247	ug/l	99
6) Chloroethane	2.796	64	21494	17.902	ug/l	97
7) Trichlorofluoromethane	3.131	101	46519	18.913	ug/l	95
8) Diethyl Ether	3.534	74	17676	21.578	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.906	101	24870	19.039	ug/l	99
10) Methyl Iodide	4.101	142	34995	21.432	ug/l	97
11) Tert butyl alcohol	4.954	59	32524	123.324	ug/l #	78
12) 1,1-Dichloroethene	3.887	96	25668	19.812	ug/l	94
13) Acrolein	3.741	56	5070	137.425	ug/l	94
14) Allyl chloride	4.491	41	60497	20.731	ug/l	95
15) Acrylonitrile	5.174	53	52213	110.508	ug/l	99
16) Acetone	3.954	43	53238	99.920	ug/l	96
17) Carbon Disulfide	4.204	76	88646	19.384	ug/l	99
18) Methyl Acetate	4.485	43	40610	23.545	ug/l	97
19) Methyl tert-butyl Ether	5.229	73	86551	21.194	ug/l	100
20) Methylene Chloride	4.729	84	33846	19.179	ug/l	86
21) trans-1,2-Dichloroethene	5.229	96	29224	19.745	ug/l	92
22) Diisopropyl ether	6.131	45	121406	21.086	ug/l	96
23) Vinyl Acetate	6.070	43	375509	108.002	ug/l	98
24) 1,1-Dichloroethane	6.027	63	59608	20.283	ug/l	98
25) 2-Butanone	6.997	43	76966	106.276	ug/l	96
26) 2,2-Dichloropropane	6.990	77	51027	19.215	ug/l	100
27) cis-1,2-Dichloroethene	6.997	96	33571	20.083	ug/l	95
28) Bromochloromethane	7.344	49	31148	22.532	ug/l	88
29) Tetrahydrofuran	7.356	42	51245	115.897	ug/l	92
30) Chloroform	7.515	83	56793	20.102	ug/l	100
31) Cyclohexane	7.795	56	59752	19.386	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	50244	19.297	ug/l	97
36) 1,1-Dichloropropene	7.929	75	44133	18.651	ug/l	99
37) Ethyl Acetate	7.082	43	35623	22.517	ug/l	99
38) Carbon Tetrachloride	7.911	117	44376	18.335	ug/l	100
39) Methylcyclohexane	9.191	83	53176	18.426	ug/l	96
40) Benzene	8.167	78	128356	19.269	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	31156m	23.454	ug/l	
42) 1,2-Dichloroethane	8.246	62	44652	20.120	ug/l	99
43) Isopropyl Acetate	8.283	43	62323	21.001	ug/l	99
44) Trichloroethene	8.947	130	30880	19.056	ug/l	98
45) 1,2-Dichloropropane	9.222	63	33460	19.469	ug/l	100
46) Dibromomethane	9.313	93	17815	19.902	ug/l	96
47) Bromodichloromethane	9.502	83	44513	19.581	ug/l	99
48) Methyl methacrylate	9.301	41	28411	20.206	ug/l	95
49) 1,4-Dioxane	9.301	88	4066	395.860	ug/l #	85
51) 4-Methyl-2-Pentanone	10.075	43	169808	108.628	ug/l	98
52) Toluene	10.246	92	77006	19.037	ug/l	99
53) t-1,3-Dichloropropene	10.472	75	49286	19.946	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	54627	19.712	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	24439	20.451	ug/l	95
56) Ethyl methacrylate	10.514	69	38596	20.778	ug/l	97
57) 1,3-Dichloropropane	10.795	76	45028	20.649	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	109936	108.100	ug/l	96
59) 2-Hexanone	10.837	43	116539	115.734	ug/l	98
60) Dibromochloromethane	10.990	129	28578	19.509	ug/l	98
61) 1,2-Dibromoethane	11.093	107	22481	20.305	ug/l	100
64) Tetrachloroethene	10.721	164	27222	18.505	ug/l	97
65) Chlorobenzene	11.520	112	78937	19.273	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	29614	19.335	ug/l	99
67) Ethyl Benzene	11.599	91	143885	18.534	ug/l	98
68) m/p-Xylenes	11.709	106	110697	37.415	ug/l	97
69) o-Xylene	12.032	106	53933	19.243	ug/l	96
70) Styrene	12.050	104	89849	18.981	ug/l	99
71) Bromoform	12.215	173	19105	20.608	ug/l #	99
73) Isopropylbenzene	12.331	105	144746	19.393	ug/l	99
74) N-amyl acetate	12.148	43	49301	20.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	30494	22.082	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17920m	16.817	ug/l	
77) Bromobenzene	12.611	156	32145	18.911	ug/l	91
78) n-propylbenzene	12.672	91	177739	19.534	ug/l	98
79) 2-Chlorotoluene	12.758	91	98303	19.743	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	118368	19.350	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	11561	21.498	ug/l	95
82) 4-Chlorotoluene	12.855	91	104030	19.987	ug/l	98
83) tert-Butylbenzene	13.081	119	101835	19.167	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	118728	19.440	ug/l	99
85) sec-Butylbenzene	13.258	105	154071	19.472	ug/l	99
86) p-Isopropyltoluene	13.373	119	127193	18.990	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	64141	18.947	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	64410	19.281	ug/l	98
89) n-Butylbenzene	13.697	91	124800	19.746	ug/l	99
90) Hexachloroethane	13.965	117	22951	19.013	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	56854	19.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5596	22.924	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	36639	19.197	ug/l	100
94) Hexachlorobutadiene	15.117	225	22249	17.865	ug/l	99
95) Naphthalene	15.239	128	72609	20.565	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31364	19.720	ug/l	98

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

