

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101221\
 Data File : VY006372.D
 Acq On : 12 Oct 2021 11:29
 Operator : SY/MD
 Sample : VY1012SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1012SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2021 6:22:30 PM

Quant Time: Oct 13 07:38:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	139018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75203	50.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.080%	
35) Dibromofluoromethane	7.728	113	55895	49.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.900%	
50) Toluene-d8	10.185	98	236182	50.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.860%	
62) 4-Bromofluorobenzene	12.483	95	81443	51.189	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	28020	19.871	ug/l	96
3) Chloromethane	2.119	50	33405	20.339	ug/l	98
4) Vinyl Chloride	2.259	62	38933	21.388	ug/l	100
5) Bromomethane	2.649	94	29864	25.244	ug/l	97
6) Chloroethane	2.796	64	23483	21.925	ug/l	97
7) Trichlorofluoromethane	3.137	101	52066	21.715	ug/l	95
8) Diethyl Ether	3.533	74	16202	20.459	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	26968	21.070	ug/l	97
10) Methyl Iodide	4.100	142	19515	13.990	ug/l	97
11) Tert butyl alcohol	4.966	59	13065	100.381	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	26409	20.283	ug/l	90
13) Acrolein	3.741	56	4528	63.937	ug/l	99
14) Allyl chloride	4.491	41	49269	19.677	ug/l	98
15) Acrylonitrile	5.173	53	43278	103.902	ug/l	100
16) Acetone	3.954	43	42468	102.192	ug/l	96
17) Carbon Disulfide	4.204	76	85707	19.682	ug/l	96
18) Methyl Acetate	4.485	43	29390	20.973	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	78811	20.727	ug/l	97
20) Methylene Chloride	4.722	84	32019	20.113	ug/l	90
21) trans-1,2-Dichloroethene	5.234	96	29448	20.400	ug/l	91
22) Diisopropyl ether	6.131	45	100989	20.387	ug/l	94
23) Vinyl Acetate	6.070	43	296218	99.764	ug/l	95
24) 1,1-Dichloroethane	6.027	63	54435	20.469	ug/l	100
25) 2-Butanone	6.996	43	58825	101.618	ug/l	97
26) 2,2-Dichloropropane	6.990	77	51599	21.218	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	33484	20.712	ug/l	95
28) Bromochloromethane	7.344	49	23715	21.417	ug/l	94
29) Tetrahydrofuran	7.356	42	37526	102.628	ug/l	96
30) Chloroform	7.514	83	56839	21.426	ug/l	100
31) Cyclohexane	7.789	56	54439	19.312	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	53748	21.943	ug/l	98
36) 1,1-Dichloropropene	7.923	75	42864	20.568	ug/l	98
37) Ethyl Acetate	7.082	43	25023	20.611	ug/l	98
38) Carbon Tetrachloride	7.905	117	49377	22.438	ug/l	99
39) Methylcyclohexane	9.185	83	52448	20.036	ug/l	97
40) Benzene	8.167	78	125400	21.209	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	15596m	19.804	ug/l	
42) 1,2-Dichloroethane	8.240	62	42665	22.396	ug/l	97
43) Isopropyl Acetate	8.277	43	48512	20.834	ug/l	97
44) Trichloroethene	8.941	130	33583	21.993	ug/l	99
45) 1,2-Dichloropropane	9.221	63	30336	20.842	ug/l	97
46) Dibromomethane	9.307	93	16717	21.569	ug/l	98
47) Bromodichloromethane	9.502	83	43215	21.655	ug/l	98
48) Methyl methacrylate	9.301	41	22558	20.194	ug/l	96
49) 1,4-Dioxane	9.301	88	3984	393.987	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	127614	105.551	ug/l	98
52) Toluene	10.246	92	78011	21.272	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	45354	20.844	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	48963	20.469	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	23632	21.670	ug/l	97
56) Ethyl methacrylate	10.514	69	34297	20.691	ug/l	92
57) 1,3-Dichloropropane	10.794	76	41674	21.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	85553	105.337	ug/l	96
59) 2-Hexanone	10.837	43	92633	107.574	ug/l	99
60) Dibromochloromethane	10.983	129	28846	21.771	ug/l	98
61) 1,2-Dibromoethane	11.093	107	21774	21.087	ug/l	99
64) Tetrachloroethene	10.721	164	37753	23.854	ug/l	98
65) Chlorobenzene	11.520	112	83107	21.344	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	31087	21.665	ug/l	99
67) Ethyl Benzene	11.593	91	151846	20.689	ug/l	99
68) m/p-Xylenes	11.703	106	118983	42.721	ug/l	96
69) o-Xylene	12.032	106	54944	20.888	ug/l	97
70) Styrene	12.044	104	97215	21.763	ug/l	97
71) Bromoform	12.209	173	19684	22.059	ug/l #	97
73) Isopropylbenzene	12.331	105	147823	19.601	ug/l	99
74) N-amyl acetate	12.142	43	43574	18.615	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	25252	18.540	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	22943m	22.420	ug/l	
77) Bromobenzene	12.611	156	35787	20.239	ug/l	95
78) n-propylbenzene	12.672	91	183319	19.747	ug/l	99
79) 2-Chlorotoluene	12.757	91	101752	19.807	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	127435	20.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	10294	19.768	ug/l	95
82) 4-Chlorotoluene	12.855	91	106107	19.971	ug/l	98
83) tert-Butylbenzene	13.074	119	108605	20.144	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	124821	20.045	ug/l	98
85) sec-Butylbenzene	13.251	105	164495	20.189	ug/l	99
86) p-Isopropyltoluene	13.367	119	139192	20.245	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	72643	20.735	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	72134	20.882	ug/l	99
89) n-Butylbenzene	13.696	91	130265	19.940	ug/l	99
90) Hexachloroethane	13.958	117	25737	20.613	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	64043	20.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4924	18.976	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	42276	20.884	ug/l	98
94) Hexachlorobutadiene	15.111	225	27267	20.647	ug/l	98
95) Naphthalene	15.239	128	77203	19.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	35362	19.709	ug/l	98

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

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