

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080421\
 Data File : VY005530.D
 Acq On : 04 Aug 2021 12:16
 Operator : SY/MD
 Sample : VY0804SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0804SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:40:15 PM

Quant Time: Aug 05 06:37:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	261006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	372883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	339463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126061	47.714	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.420%		
35) Dibromofluoromethane	7.728	113	101524	48.630	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.260%		
50) Toluene-d8	10.185	98	438963	50.135	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.280%		
62) 4-Bromofluorobenzene	12.483	95	144113	49.704	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	54069	25.222	ug/l	94
3) Chloromethane	2.119	50	57845	22.589	ug/l	98
4) Vinyl Chloride	2.259	62	69479	22.652	ug/l	95
5) Bromomethane	2.650	94	48477	24.012	ug/l	97
6) Chloroethane	2.802	64	42422	22.913	ug/l	100
7) Trichlorofluoromethane	3.131	101	96130	23.408	ug/l	97
8) Diethyl Ether	3.534	74	31376	21.875	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.911	101	51700	23.210	ug/l	98
10) Methyl Iodide	4.100	142	59645	21.493	ug/l	99
11) Tert butyl alcohol	4.972	59	26070	99.815	ug/l	97
12) 1,1-Dichloroethene	3.881	96	52496	23.338	ug/l	91
13) Acrolein	3.747	56	15962	101.293	ug/l	97
14) Allyl chloride	4.491	41	90979	23.093	ug/l	99
15) Acrylonitrile	5.173	53	75084	102.145	ug/l	100
16) Acetone	3.954	43	75365	113.140	ug/l	96
17) Carbon Disulfide	4.204	76	165905	23.927	ug/l	100
18) Methyl Acetate	4.491	43	34809	19.980	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	152086	21.825	ug/l	97
20) Methylene Chloride	4.728	84	83220	28.968	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	59034	23.475	ug/l	91
22) Diisopropyl ether	6.124	45	184252	22.670	ug/l	97
23) Vinyl Acetate	6.070	43	580641	107.349	ug/l	100
24) 1,1-Dichloroethane	6.027	63	103200	22.912	ug/l	98
25) 2-Butanone	6.996	43	87952	89.322	ug/l	98
26) 2,2-Dichloropropane	6.990	77	87057	21.155	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	56687	19.819	ug/l	98
28) Bromochloromethane	7.338	49	36300	20.192	ug/l	99
29) Tetrahydrofuran	7.356	42	54639	83.896	ug/l	99
30) Chloroform	7.514	83	91899	19.990	ug/l	97
31) Cyclohexane	7.789	56	90131	19.889	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	88086	20.843	ug/l	99
36) 1,1-Dichloropropene	7.923	75	71611	20.476	ug/l	99
37) Ethyl Acetate	7.082	43	38486	18.164	ug/l	99
38) Carbon Tetrachloride	7.905	117	80703	21.231	ug/l	96
39) Methylcyclohexane	9.185	83	92227	20.727	ug/l	98
40) Benzene	8.167	78	206146	20.583	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	22070m	19.198	ug/l	
42) 1,2-Dichloroethane	8.246	62	65761	20.243	ug/l	99
43) Isopropyl Acetate	8.277	43	73721	18.378	ug/l	100
44) Trichloroethene	8.941	130	57894	21.180	ug/l	98
45) 1,2-Dichloropropane	9.222	63	49993	19.953	ug/l	96
46) Dibromomethane	9.313	93	27325	19.723	ug/l	99
47) Bromodichloromethane	9.502	83	70392	20.302	ug/l	99
48) Methyl methacrylate	9.295	41	33060	18.236	ug/l	99
49) 1,4-Dioxane	9.307	88	6993	363.193	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	194198	91.928	ug/l	98
52) Toluene	10.246	92	131417	20.579	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	76309	19.693	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	84065	19.990	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	37948	18.931	ug/l	97
56) Ethyl methacrylate	10.514	69	56287	18.753	ug/l	98
57) 1,3-Dichloropropane	10.794	76	67996	19.236	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	131057	91.380	ug/l	100
59) 2-Hexanone	10.837	43	138205	92.563	ug/l	99
60) Dibromochloromethane	10.989	129	48963	19.737	ug/l	100
61) 1,2-Dibromoethane	11.093	107	35717	18.810	ug/l	97
64) Tetrachloroethene	10.721	164	53856	20.843	ug/l	99
65) Chlorobenzene	11.520	112	139660	20.445	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	52384	20.374	ug/l	97
67) Ethyl Benzene	11.593	91	254005	20.506	ug/l	98
68) m/p-Xylenes	11.709	106	200096	41.590	ug/l	100
69) o-Xylene	12.032	106	94274	20.387	ug/l	99
70) Styrene	12.050	104	160191	20.581	ug/l	99
71) Bromoform	12.209	173	32936	19.754	ug/l #	100
73) Isopropylbenzene	12.331	105	254408	20.337	ug/l	100
74) N-amyl acetate	12.148	43	68063	18.075	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	44470	18.483	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	33536m	18.058	ug/l	
77) Bromobenzene	12.611	156	61732	20.086	ug/l	99
78) n-propylbenzene	12.672	91	306282	20.615	ug/l	99
79) 2-Chlorotoluene	12.757	91	168406	20.186	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	213444	20.560	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17200	18.670	ug/l	96
82) 4-Chlorotoluene	12.855	91	174008	20.158	ug/l	98
83) tert-Butylbenzene	13.081	119	190121	20.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	211514	20.648	ug/l	100
85) sec-Butylbenzene	13.257	105	274854	20.456	ug/l	99
86) p-Isopropyltoluene	13.373	119	236984	20.543	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	121303	20.228	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	122492	20.590	ug/l	99
89) n-Butylbenzene	13.702	91	217596	20.821	ug/l	99
90) Hexachloroethane	13.965	117	42490	20.487	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	106912	20.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8172	17.917	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	76445	21.009	ug/l	99
94) Hexachlorobutadiene	15.117	225	49651	21.074	ug/l	98
95) Naphthalene	15.239	128	136507	19.031	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64984	20.159	ug/l	99

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

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