

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005811.D
 Acq On : 24 Aug 2021 10:56
 Operator : SY/MD
 Sample : VY0824SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0824SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:52:28 PM

Quant Time: Aug 25 04:28:14 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	194231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	262225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	101697	51.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.460%
35) Dibromofluoromethane	7.722	113	82988	52.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.185	98	331382	49.964	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.483	95	117189	53.357	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	39703	24.888	ug/l	95
3) Chloromethane	2.119	50	44242	23.217	ug/l	100
4) Vinyl Chloride	2.259	62	58687	25.712	ug/l	98
5) Bromomethane	2.649	94	37829	25.179	ug/l	95
6) Chloroethane	2.796	64	33268	24.147	ug/l	98
7) Trichlorofluoromethane	3.131	101	70960	23.220	ug/l	97
8) Diethyl Ether	3.539	74	24693	23.135	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	38388	23.158	ug/l	98
10) Methyl Iodide	4.100	142	42719	20.686	ug/l	99
11) Tert butyl alcohol	4.966	59	22604	116.298	ug/l	98
12) 1,1-Dichloroethene	3.881	96	37884	22.632	ug/l	95
13) Acrolein	3.734	56	8806	75.093	ug/l	99
14) Allyl chloride	4.484	41	66118	22.552	ug/l	100
15) Acrylonitrile	5.173	53	65721	120.145	ug/l	100
16) Acetone	3.954	43	66436	134.024	ug/l	100
17) Carbon Disulfide	4.198	76	108517	21.031	ug/l	99
18) Methyl Acetate	4.484	43	29956	23.106	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	121404	23.412	ug/l	97
20) Methylene Chloride	4.728	84	58878	27.201	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	41938	22.410	ug/l	97
22) Diisopropyl ether	6.130	45	142826	23.614	ug/l	98
23) Vinyl Acetate	6.069	43	470716	116.944	ug/l	100
24) 1,1-Dichloroethane	6.027	63	79102	23.599	ug/l	100
25) 2-Butanone	6.990	43	92954	126.857	ug/l	98
26) 2,2-Dichloropropane	6.990	77	74541	24.340	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	47557	22.343	ug/l	95
28) Bromochloromethane	7.337	49	36420	27.223	ug/l	97
29) Tetrahydrofuran	7.356	42	56605	116.796	ug/l	99
30) Chloroform	7.514	83	80624	23.566	ug/l	95
31) Cyclohexane	7.789	56	74620	22.127	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	75189	23.908	ug/l	99
36) 1,1-Dichloropropene	7.923	75	60872	22.977	ug/l	100
37) Ethyl Acetate	7.081	43	38824	24.190	ug/l	97
38) Carbon Tetrachloride	7.904	117	69440	24.116	ug/l	98
39) Methylcyclohexane	9.185	83	73429	21.785	ug/l	100
40) Benzene	8.167	78	176400	23.251	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	22485m	25.820	ug/l	
42) 1,2-Dichloroethane	8.240	62	59381	24.130	ug/l	99
43) Isopropyl Acetate	8.276	43	73399	24.155	ug/l	98
44) Trichloroethene	8.947	130	48244	23.299	ug/l	94
45) 1,2-Dichloropropane	9.221	63	44400	23.393	ug/l	97
46) Dibromomethane	9.307	93	24676	23.513	ug/l	99
47) Bromodichloromethane	9.502	83	62216	23.688	ug/l	100
48) Methyl methacrylate	9.294	41	32442	23.624	ug/l	99
49) 1,4-Dioxane	9.307	88	7186	492.689	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	194422	121.496	ug/l	100
52) Toluene	10.245	92	112722	23.302	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	68524	23.345	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	75909	23.829	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	36029	23.727	ug/l	95
56) Ethyl methacrylate	10.514	69	53220	23.407	ug/l	98
57) 1,3-Dichloropropane	10.794	76	63687	23.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	129579	119.271	ug/l	100
59) 2-Hexanone	10.837	43	141450	125.062	ug/l	99
60) Dibromochloromethane	10.989	129	44618	23.743	ug/l	99
61) 1,2-Dibromoethane	11.093	107	33643	23.389	ug/l	98
64) Tetrachloroethene	10.721	164	48920	24.509	ug/l	99
65) Chlorobenzene	11.520	112	120351	22.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	47471	23.902	ug/l	97
67) Ethyl Benzene	11.593	91	215503	22.522	ug/l	99
68) m/p-Xylenes	11.703	106	168732	45.401	ug/l	99
69) o-Xylene	12.032	106	81243	22.744	ug/l	97
70) Styrene	12.044	104	138679	23.065	ug/l	98
71) Bromoform	12.209	173	30726	23.856	ug/l #	100
73) Isopropylbenzene	12.330	105	214798	21.538	ug/l	100
74) N-amyl acetate	12.148	43	66484	22.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	43578	22.718	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	31066m	20.982	ug/l	
77) Bromobenzene	12.611	156	53814	21.963	ug/l	99
78) n-propylbenzene	12.672	91	260958	22.031	ug/l	99
79) 2-Chlorotoluene	12.757	91	145947	21.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	181098	21.881	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	16722	22.767	ug/l	98
82) 4-Chlorotoluene	12.855	91	151245	21.977	ug/l	98
83) tert-Butylbenzene	13.074	119	166065	22.360	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	181022	22.166	ug/l	98
85) sec-Butylbenzene	13.257	105	237580	22.179	ug/l	99
86) p-Isopropyltoluene	13.373	119	202290	21.995	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	106274	22.228	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	106822	22.523	ug/l	98
89) n-Butylbenzene	13.696	91	185199	22.227	ug/l	99
90) Hexachloroethane	13.964	117	37563	22.717	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	95738	22.670	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8059	22.163	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	66173	22.811	ug/l	98
94) Hexachlorobutadiene	15.110	225	42118	22.423	ug/l	97
95) Naphthalene	15.238	128	125213	21.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	56741	22.078	ug/l	99

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

