

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006063.D
 Acq On : 17 Sep 2021 12:09
 Operator : SY/MD
 Sample : VY0917SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0917SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2021 6:52:15 PM

Quant Time: Sep 20 01:38:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	136317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	207365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86934	45.911	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.820%		
35) Dibromofluoromethane	7.722	113	60062	46.633	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.260%		
50) Toluene-d8	10.185	98	255666	46.574	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.140%		
62) 4-Bromofluorobenzene	12.483	95	86890	46.621	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26222	18.209	ug/l	98
3) Chloromethane	2.119	50	31114	17.375	ug/l	93
4) Vinyl Chloride	2.253	62	36399	18.003	ug/l	99
5) Bromomethane	2.650	94	25759	19.638	ug/l	96
6) Chloroethane	2.796	64	22384	18.461	ug/l	96
7) Trichlorofluoromethane	3.131	101	48700	18.477	ug/l	93
8) Diethyl Ether	3.534	74	16450	18.985	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	25039	19.028	ug/l	97
10) Methyl Iodide	4.095	142	22461	16.124	ug/l	100
11) Tert butyl alcohol	4.966	59	33570	85.854	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	24908	18.300	ug/l	98
13) Acrolein	3.735	56	9876	86.802	ug/l	96
14) Allyl chloride	4.491	41	49524	17.046	ug/l	99
15) Acrylonitrile	5.174	53	45610	92.414	ug/l	100
16) Acetone	3.960	43	47409	91.285	ug/l	95
17) Carbon Disulfide	4.198	76	82423	18.133	ug/l	100
18) Methyl Acetate	4.479	43	23060	17.627	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	79093	18.025	ug/l	99
20) Methylene Chloride	4.722	84	37368	20.300	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	26942	17.653	ug/l	97
22) Diisopropyl ether	6.125	45	100669	17.831	ug/l	99
23) Vinyl Acetate	6.070	43	315067	88.442	ug/l	100
24) 1,1-Dichloroethane	6.027	63	51294	17.733	ug/l	97
25) 2-Butanone	6.990	43	63835	89.178	ug/l	94
26) 2,2-Dichloropropane	6.984	77	50547	18.447	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	30998	18.205	ug/l	99
28) Bromochloromethane	7.344	49	23815	18.742	ug/l	99
29) Tetrahydrofuran	7.356	42	39495	87.788	ug/l	96
30) Chloroform	7.515	83	53034	18.286	ug/l	98
31) Cyclohexane	7.789	56	53387	17.600	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	49597	18.213	ug/l	100
36) 1,1-Dichloropropene	7.923	75	40535	18.111	ug/l	99
37) Ethyl Acetate	7.082	43	28166	18.217	ug/l	97
38) Carbon Tetrachloride	7.911	117	44983	18.461	ug/l	98
39) Methylcyclohexane	9.185	83	49496	17.843	ug/l	97
40) Benzene	8.167	78	118457	18.456	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13985m	15.487	ug/l	
42) 1,2-Dichloroethane	8.246	62	42581	18.760	ug/l	98
43) Isopropyl Acetate	8.277	43	51447	17.864	ug/l	98
44) Trichloroethene	8.947	130	29536	18.467	ug/l	97
45) 1,2-Dichloropropane	9.222	63	28264	17.801	ug/l	94
46) Dibromomethane	9.307	93	15790	18.373	ug/l	96
47) Bromodichloromethane	9.502	83	40921	18.499	ug/l	98
48) Methyl methacrylate	9.295	41	23098	17.357	ug/l	98
49) 1,4-Dioxane	9.301	88	4116	347.046	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	138035	89.905	ug/l	99
52) Toluene	10.246	92	73221	18.513	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	44980	18.511	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	47614	18.169	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	21923	18.564	ug/l	97
56) Ethyl methacrylate	10.514	69	33738	17.871	ug/l	99
57) 1,3-Dichloropropane	10.795	76	39538	18.165	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	100703	101.894	ug/l	97
59) 2-Hexanone	10.837	43	98588	93.012	ug/l	100
60) Dibromochloromethane	10.984	129	27540	18.915	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21202	19.008	ug/l	98
64) Tetrachloroethene	10.721	164	30634	19.292	ug/l	97
65) Chlorobenzene	11.520	112	75147	18.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	28474	18.390	ug/l	100
67) Ethyl Benzene	11.593	91	142377	18.031	ug/l	100
68) m/p-Xylenes	11.703	106	108000	36.070	ug/l	100
69) o-Xylene	12.032	106	51159	18.091	ug/l	98
70) Styrene	12.044	104	86609	17.878	ug/l	100
71) Bromoform	12.209	173	18489	19.071	ug/l #	97
73) Isopropylbenzene	12.331	105	138150	17.513	ug/l	98
74) N-amyl acetate	12.142	43	45394	16.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	25439	17.333	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	18491m	17.216	ug/l	
77) Bromobenzene	12.611	156	32624	17.724	ug/l	97
78) n-propylbenzene	12.672	91	168541	17.269	ug/l	100
79) 2-Chlorotoluene	12.758	91	94204	17.752	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	117476	17.957	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	10320	17.666	ug/l	99
82) 4-Chlorotoluene	12.855	91	98328	17.926	ug/l	100
83) tert-Butylbenzene	13.075	119	98377	17.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	114643	17.663	ug/l	100
85) sec-Butylbenzene	13.251	105	147622	17.624	ug/l	99
86) p-Isopropyltoluene	13.367	119	125786	17.590	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	65178	18.361	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	64427	18.095	ug/l	99
89) n-Butylbenzene	13.696	91	117086	17.509	ug/l	100
90) Hexachloroethane	13.959	117	22454	17.448	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	57149	18.340	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5520	18.958	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	36926	18.247	ug/l	98
94) Hexachlorobutadiene	15.111	225	23685	18.090	ug/l	98
95) Naphthalene	15.233	128	75470	18.751	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	32499	18.533	ug/l	100

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

