

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042621\
 Data File : VW018778.D
 Acq On : 26 Apr 2021 13:59
 Operator : SY/VA
 Sample : M2165-03MSD
 Misc : 5.95G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB3E4MSD

Quant Time: Apr 27 01:22:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 27 01:21:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	471552	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	409313	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	195152	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	78383	10.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	43.76%		
7) Chloroethane-d5	2.891	69	77665	12.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	48.92%		
11) 1,1-Dichloroethene-d2	4.032	63	176943	14.22	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.88%		
21) 2-Butanone-d5	7.074	46	96157	58.95	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.90%		
24) Chloroform-d	7.647	84	265913	20.55	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.20%		
26) 1,2-Dichloroethane-d4	8.305	65	157189	21.60	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.40%		
32) Benzene-d6	8.275	84	413447	17.22	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	68.88%		
36) 1,2-Dichloropropane-d6	9.274	67	155381	21.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.88%		
41) Toluene-d8	10.323	98	348288	15.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.44%		
43) trans-1,3-Dichloroprop...	10.579	79	67354	21.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.44%		
47) 2-Hexanone-d5	10.921	63	81277	64.59	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	129.18%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	173904	28.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	115.12%		
66) 1,2-Dichlorobenzene-d4	13.853	152	148456	21.65	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	66063	14.72	ug/L	99
3) Chloromethane	2.215	50	55475	9.05	ug/L	98
5) Vinyl chloride	2.367	62	122836	13.90	ug/L	99
6) Bromomethane	2.782	94	86813	12.33	ug/L	97
8) Chloroethane	2.928	64	81509	14.45	ug/L	95
9) Trichlorofluoromethane	3.263	101	97895	19.78	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	132090	21.03	ug/L	98
12) 1,1-Dichloroethene	4.038	96	122244	19.72	ug/L	95
13) Acetone	4.123	43	57957	48.95	ug/L	87
14) Carbon disulfide	4.385	76	285848	15.49	ug/L	100
15) Methyl Acetate	4.672	43	61851	22.91	ug/L	98
16) Methylene chloride	4.922	84	158360	20.49	ug/L	94
17) trans-1,2-Dichloroethene	5.422	96	138468	20.77	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	215248	24.13	ug/L	97
19) 1,1-Dichloroethane	6.214	63	262948	21.45	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	159040	22.43	ug/L	99
22) 2-Butanone	7.171	43	83628	46.48	ug/L	94
23) Bromochloromethane	7.513	128	70374	22.92	ug/L	96
25) Chloroform	7.677	83	285620	22.95	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	197809	23.36	ug/L	100
29) Cyclohexane	7.958	56	203133	20.15	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	213402	23.83	ug/L	100
31) Carbon tetrachloride	8.067	117	195868	24.25	ug/L	98
33) Benzene	8.323	78	611846	23.80	ug/L	100
34) Trichloroethene	9.092	95	164352	24.83	ug/L	97
35) Methylcyclohexane	9.335	83	231295	20.11	ug/L	98
37) 1,2-Dichloropropane	9.366	63	154153	23.69	ug/L	98
38) Bromodichloromethane	9.646	83	205916	24.86	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	242859	25.14	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	207868	52.00	ug/L	94
42) Toluene	10.390	91	693457	25.13	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	218596	25.92	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	127107	26.33	ug/L	96
46) Tetrachloroethene	10.860	164	8100176	1732.29	ug/L	96
48) 2-Hexanone	10.969	43	131685	52.11	ug/L	91
49) Dibromochloromethane	11.128	129	132722	25.80	ug/L	98
50) 1,2-Dibromoethane	11.238	107	115232	25.09	ug/L	99
51) Chlorobenzene	11.658	112	391771	23.06	ug/L	96
52) Ethylbenzene	11.731	91	714531	23.44	ug/L	95
53) m,p-Xylene	11.841	106	271835	24.31	ug/L	94
54) o-Xylene	12.164	106	262115	24.42	ug/L	94
55) Styrene	12.182	104	439978	23.70	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	162216	26.98	ug/L	98
59) Bromoform	12.347	173	73481	26.41	ug/L	98
60) Isopropylbenzene	12.463	105	669651	23.33	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	117362	26.32	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	575065	24.18	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	586473	24.72	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	281229	23.12	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	280696	22.81	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	267600	23.91	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	25485	27.50	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	176694	20.35	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	142897	20.22	ug/L	97
71) Naphthalene	15.365	128	397754	26.71	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	132575	21.25	ug/L	97

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

