

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
 Data File : VW018729.D
 Acq On : 22 Apr 2021 12:18
 Operator : SY/VA
 Sample : M2129-03MSD
 Misc : 3.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AB9MSD

Quant Time: Apr 23 02:01:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 23 01:53:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	515185	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	415625	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	169890	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115830	14.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.16%		
7) Chloroethane-d5	2.891	69	107178	15.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.80%		
11) 1,1-Dichloroethene-d2	4.037	63	250210	18.40	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.60%		
21) 2-Butanone-d5	7.080	46	70924	39.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.60%		
24) Chloroform-d	7.647	84	326430	23.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	92.36%		
26) 1,2-Dichloroethane-d4	8.305	65	159674	20.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.36%		
32) Benzene-d6	8.275	84	519049	21.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.16%		
36) 1,2-Dichloropropane-d6	9.274	67	182073	24.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.12%		
41) Toluene-d8	10.323	98	424384	19.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.12%		
43) trans-1,3-Dichloroprop...	10.579	79	63609	20.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.32%		
47) 2-Hexanone-d5	10.927	63	51828	40.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.12%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	139632	22.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.00%		
66) 1,2-Dichlorobenzene-d4	13.853	152	138058	23.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.52%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	101344	20.67	ug/L	91
3) Chloromethane	2.215	50	108286	16.17	ug/L	100
5) Vinyl chloride	2.367	62	209019	21.65	ug/L	96
6) Bromomethane	2.782	94	135565	17.62	ug/L	95
8) Chloroethane	2.928	64	127992	20.77	ug/L	94
9) Trichlorofluoromethane	3.263	101	148454	27.45	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	180690	26.33	ug/L	97
12) 1,1-Dichloroethene	4.050	96	182190	26.90	ug/L	84
13) Acetone	4.123	43	38958	30.12	ug/L	87
14) Carbon disulfide	4.391	76	533742	26.48	ug/L	100
15) Methyl Acetate	4.672	43	45241	15.34	ug/L	93
16) Methylene chloride	4.915	84	184861	21.89	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	196352	26.96	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	232238	23.83	ug/L	97
19) 1,1-Dichloroethane	6.220	63	342139	25.54	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	200240	25.84	ug/L	98
22) 2-Butanone	7.171	43	64823	32.98	ug/L	96
23) Bromochloromethane	7.512	128	82829	24.69	ug/L	91
25) Chloroform	7.677	83	351470	25.85	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	207739	22.45	ug/L	98
29) Cyclohexane	7.958	56	293812	28.70	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	293933	32.32	ug/L	99
31) Carbon tetrachloride	8.073	117	264837	32.30	ug/L	99
33) Benzene	8.323	78	760053	29.12	ug/L	100
34) Trichloroethene	9.091	95	198650	29.56	ug/L	94
35) Methylcyclohexane	9.335	83	309271	26.48	ug/L	97
37) 1,2-Dichloropropane	9.372	63	179299	27.13	ug/L	98
38) Bromodichloromethane	9.646	83	233347	27.75	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	251678	25.66	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	141447	34.84	ug/L	94
42) Toluene	10.390	91	808324	28.85	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	201166	23.49	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	120593	24.60	ug/L	96
46) Tetrachloroethene	10.866	164	142190	29.95	ug/L	97
48) 2-Hexanone	10.969	43	87527	34.11	ug/L	92
49) Dibromochloromethane	11.128	129	133718	25.60	ug/L	97
50) 1,2-Dibromoethane	11.237	107	110622	23.72	ug/L #	98
51) Chlorobenzene	11.658	112	450999	26.15	ug/L	98
52) Ethylbenzene	11.731	91	868847	28.07	ug/L	96
53) m,p-Xylene	11.841	106	317505	27.97	ug/L	98
54) o-Xylene	12.164	106	303285	27.83	ug/L	93
55) Styrene	12.182	104	454230	24.09	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	126771	20.77	ug/L	97
59) Bromoform	12.347	173	63215	26.10	ug/L	97
60) Isopropylbenzene	12.463	105	816506	32.68	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	91710	23.63	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	644418	31.13	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	623212	30.17	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	267519	25.27	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	262767	24.53	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	234186	24.04	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17267	21.41	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	157467	20.83	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	106599	17.32	ug/L	99
71) Naphthalene	15.365	128	200892	15.50	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	84661	15.59	ug/L	97

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

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