

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018920.D
 Acq On : 04 May 2021 15:55
 Operator : SY/VA
 Sample : M2272-03MSD
 Misc : 5.31G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW6B9MSD

Quant Time: May 05 00:07:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 05 00:05:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	479036	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	423392	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	208757	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	134261	21.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.40%		
7) Chloroethane-d5	2.891	69	112082	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.16%		
11) 1,1-Dichloroethene-d2	4.019	63	283545	23.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.96%		
21) 2-Butanone-d5	7.080	46	66720	41.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.36%		
24) Chloroform-d	7.647	84	305607	24.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.24%		
26) 1,2-Dichloroethane-d4	8.305	65	162891	23.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.76%		
32) Benzene-d6	8.275	84	591545	24.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.92%		
36) 1,2-Dichloropropane-d6	9.274	67	175327	24.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.80%		
41) Toluene-d8	10.323	98	552204	24.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.00%		
43) trans-1,3-Dichloroprop...	10.579	79	73893	22.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.64%		
47) 2-Hexanone-d5	10.927	63	57126	44.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.92%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134089	22.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.20%		
66) 1,2-Dichlorobenzene-d4	13.853	152	177432	24.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.20%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	101435	22.30	ug/L	95
3) Chloromethane	2.215	50	96143	22.51	ug/L	97
5) Vinyl chloride	2.367	62	152368	21.98	ug/L	97
6) Bromomethane	2.782	94	104235	21.47	ug/L	98
8) Chloroethane	2.928	64	90968	21.81	ug/L	98
9) Trichlorofluoromethane	3.257	101	121962	22.68	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	129244	20.86	ug/L	99
12) 1,1-Dichloroethene	4.044	96	133789	21.56	ug/L	92
13) Acetone	4.129	43	69720	56.85	ug/L	88
14) Carbon disulfide	4.385	76	400184	21.79	ug/L	98
15) Methyl Acetate	4.672	43	45012	18.00	ug/L	94
16) Methylene chloride	4.921	84	176231	22.25	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	145011	21.80	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	197641	21.54	ug/L	99
19) 1,1-Dichloroethane	6.214	63	257024	22.49	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	151179	21.52	ug/L	95
22) 2-Butanone	7.171	43	79476	46.74	ug/L	96
23) Bromochloromethane	7.519	128	62351	20.14	ug/L	94
25) Chloroform	7.677	83	269120	22.50	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	172587	21.19	ug/L	100
29) Cyclohexane	7.958	56	225295	22.20	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	218134	23.25	ug/L	99
31) Carbon tetrachloride	8.073	117	195022	22.81	ug/L	99
33) Benzene	8.323	78	576375	22.73	ug/L	100
34) Trichloroethene	9.091	95	149654	22.13	ug/L	94
35) Methylcyclohexane	9.335	83	255202	21.46	ug/L	99
37) 1,2-Dichloropropane	9.372	63	139015	22.74	ug/L	99
38) Bromodichloromethane	9.646	83	184116	22.81	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	216930	22.28	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	143821	37.89	ug/L	96
42) Toluene	10.390	91	632497	22.67	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	183247	21.47	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	99827	20.57	ug/L	96
46) Tetrachloroethene	10.866	164	118086	23.22	ug/L	96
48) 2-Hexanone	10.969	43	115837	46.86	ug/L	93
49) Dibromochloromethane	11.128	129	109559	20.84	ug/L	94
50) 1,2-Dibromoethane	11.237	107	93950	19.96	ug/L	100
51) Chlorobenzene	11.658	112	375328	22.00	ug/L	98
52) Ethylbenzene	11.731	91	701936	22.69	ug/L	95
53) m,p-Xylene	11.841	106	259019	22.54	ug/L	92
54) o-Xylene	12.164	106	245876	22.45	ug/L	93
55) Styrene	12.182	104	420353	22.83	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	115088	19.61	ug/L	99
59) Bromoform	12.347	173	52186	18.07	ug/L	96
60) Isopropylbenzene	12.463	105	674317	22.63	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	85429	19.30	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	559839	22.51	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	566293	22.76	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	267019	21.24	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	269971	21.27	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	247819	21.78	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	17661	18.77	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	197342	21.77	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	157489	20.92	ug/L	95
71) Naphthalene	15.365	128	297834	18.75	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	132206	19.90	ug/L	97

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

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