

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041221\
 Data File : VW018632.D
 Acq On : 12 Apr 2021 18:58
 Operator : SY/VA
 Sample : M2011-08RE
 Misc : 6.67G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 BG788RE

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 11:48:45 AM

Quant Time: Apr 17 04:29:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 17 04:26:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	158639	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	141416	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65249	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	55543	21.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.12%		
7) Chloroethane-d5	2.885	69	46211	22.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.64%		
11) 1,1-Dichloroethene-d2	4.013	63	64145	16.17	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.68%		
21) 2-Butanone-d5	7.086	46	23010	43.28	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.56%		
24) Chloroform-d	7.653	84	84948	20.38	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.52%		
26) 1,2-Dichloroethane-d4	8.311	65	50405	20.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.48%		
32) Benzene-d6	8.275	84	162720	21.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.76%		
36) 1,2-Dichloropropane-d6	9.274	67	47801	22.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.48%		
41) Toluene-d8	10.323	98	156710	21.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.12%		
43) trans-1,3-Dichloroprop...	10.579	79	14099	13.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	52.40%		
47) 2-Hexanone-d5	10.927	63	16715	39.52	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.04%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	42303	20.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.92%		
66) 1,2-Dichlorobenzene-d4	13.853	152	47599	21.56	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	3426m	1.93	ug/L	
3) Chloromethane	2.215	50	5408	2.44	ug/L	91
5) Vinyl chloride	2.361	62	7540	2.25	ug/L #	76
6) Bromomethane	2.782	94	5199	2.19	ug/L	89
8) Chloroethane	2.922	64	4677	2.39	ug/L	93
9) Trichlorofluoromethane	3.263	101	6831	4.59	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	5868m	2.75	ug/L	
12) 1,1-Dichloroethene	4.044	96	4895	2.30	ug/L #	1
13) Acetone	4.117	43	6024	16.07	ug/L	76
14) Carbon disulfide	4.385	76	8992	1.40	ug/L	96
15) Methyl Acetate	4.678	43	2378m	2.52	ug/L	
16) Methylene chloride	4.915	84	7598	3.20	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	4681	2.03	ug/L #	72
18) Methyl tert-butyl Ether	5.421	73	8061m	2.75	ug/L	
19) 1,1-Dichloroethane	6.214	63	8259	2.09	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	4524	1.87	ug/L	100
22) 2-Butanone	7.177	43	4141m	6.87	ug/L	
23) Bromochloromethane	7.519	128	2275m	2.01	ug/L	
25) Chloroform	7.671	83	9477	2.21	ug/L	97

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

27) 1,2-Dichloroethane	8.403	62	5850	1.91	ug/L #	82
29) Cyclohexane	7.958	56	7156	2.19	ug/L #	92
30) 1,1,1-Trichloroethane	7.866	97	8088	2.54	ug/L #	86
31) Carbon tetrachloride	8.080	117	5435	1.79	ug/L	98
33) Benzene	8.329	78	18840	2.23	ug/L	100
34) Trichloroethene	9.092	95	4975	2.13	ug/L	95
35) Methylcyclohexane	9.335	83	8149	2.06	ug/L	97
37) 1,2-Dichloropropane	9.372	63	4253	2.11	ug/L #	90
38) Bromodichloromethane	9.646	83	4344	1.50	ug/L #	96
39) cis-1,3-Dichloropropene	10.079	75	4071	1.23	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	6559	4.98	ug/L	96
42) Toluene	10.390	91	21394	2.23	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	4412	1.43	ug/L	93
45) 1,1,2-Trichloroethane	10.780	97	3335	1.97	ug/L	96
46) Tetrachloroethene	10.860	164	4083	2.32	ug/L	88
48) 2-Hexanone	10.969	43	3837	4.09	ug/L #	91
49) Dibromochloromethane	11.134	129	2239	1.12	ug/L	95
50) 1,2-Dibromoethane	11.237	107	3243	1.88	ug/L #	82
51) Chlorobenzene	11.658	112	12341	2.01	ug/L	98
52) Ethylbenzene	11.731	91	20716	1.91	ug/L	98
53) m,p-Xylene	11.841	106	7286	1.81	ug/L	97
54) o-Xylene	12.164	106	6709	1.71	ug/L	98
55) Styrene	12.182	104	10035	1.49	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	4459	2.07	ug/L	93
59) Bromoform	12.353	173	1199	1.18	ug/L #	85
60) Isopropylbenzene	12.463	105	19501	2.10	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	3477	2.48	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	15636	2.00	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	15188	1.92	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	7952	1.93	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	9621	2.29	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	8418	2.22	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	652m	1.93	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	6504	2.17	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	4407	1.74	ug/L	92
71) Naphthalene	15.359	128	8618	1.61	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	4424m	1.95	ug/L	

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

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