Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042621\
Data File : VW018788.D
Acq On : 26 Apr 2021 17:58
Operator : SY/VA
Sample : M2166-08MSD
Misc : 5.95G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GB3G9MSD

Quant Time: Apr 27 01:24:53 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	8.848	114	530164	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	482782	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	231865	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	91104	11.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 45.24%			
7) Chloroethane-d5	2.892	69	89670	12.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 50.24%			
11) 1,1-Dichloroethene-d2	4.032	63	209207	14.95	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.80%			
21) 2-Butanone-d5	7.080	46	113485	61.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.76%			
24) Chloroform-d	7.647	84	312766	21.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	8.305	65	179678	21.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.88%			
32) Benzene-d6	8.275	84	479100	16.92	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 67.68%			
36) 1,2-Dichloropropane-d6	9.275	67	182364	21.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.48%			
41) Toluene-d8	10.323	98	408000	15.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 63.00%			
43) trans-1,3-Dichloroprop...	10.579	79	79181	21.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.16%			
47) 2-Hexanone-d5	10.927	63	100453	67.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.38%#			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	208820	29.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.20%			
66) 1,2-Dichlorobenzene-d4	13.853	152	182551	22.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	71684	14.21	ug/L	94
3) Chloromethane	2.215	50	69884	10.14	ug/L	99
5) Vinyl chloride	2.367	62	150261	15.12	ug/L	99
6) Bromomethane	2.788	94	108249	13.67	ug/L	99
8) Chloroethane	2.928	64	101529	16.01	ug/L	95
9) Trichlorofluoromethane	3.263	101	129023	23.18	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	155917	22.07	ug/L	98
12) 1,1-Dichloroethene	4.044	96	151088	21.68	ug/L	93
13) Acetone	4.123	43	76824	57.71	ug/L	88
14) Carbon disulfide	4.391	76	348801	16.82	ug/L	98
15) Methyl Acetate	4.672	43	70501	23.22	ug/L	96
16) Methylene chloride	4.922	84	220992	25.43	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	170746	22.78	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	274723	27.39	ug/L	97
19) 1,1-Dichloroethane	6.220	63	322674	23.41	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	194175	24.35	ug/L	97
22) 2-Butanone	7.171	43	104139	51.48	ug/L	96
23) Bromochloromethane	7.519	128	87426	25.32	ug/L	92
25) Chloroform	7.677	83	353050	25.23	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Tue Apr 27 01:21:12 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	240480	25.25	ug/L	99
29) Cyclohexane	7.958	56	247096	20.78	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	264825	25.07	ug/L	99
31) Carbon tetrachloride	8.074	117	235257	24.70	ug/L	99
33) Benzene	8.323	78	722498	23.83	ug/L	100
34) Trichloroethene	9.092	95	187770	24.05	ug/L	97
35) Methylcyclohexane	9.335	83	288666	21.28	ug/L	99
37) 1,2-Dichloropropane	9.372	63	187777	24.46	ug/L	99
38) Bromodichloromethane	9.646	83	257358	26.35	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	299969	26.33	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	246817	52.34	ug/L	93
42) Toluene	10.390	91	801183	24.62	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	270070	27.15	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	152544	26.79	ug/L	96
46) Tetrachloroethene	10.860	164	221775	40.21	ug/L	96
48) 2-Hexanone	10.969	43	172151	57.76	ug/L	92
49) Dibromochloromethane	11.128	129	162069	26.71	ug/L	89
50) 1,2-Dibromoethane	11.238	107	145311	26.82	ug/L	99
51) Chlorobenzene	11.658	112	508362	25.37	ug/L	98
52) Ethylbenzene	11.731	91	892259	24.82	ug/L	98
53) m,p-Xylene	11.841	106	335566	25.44	ug/L	98
54) o-Xylene	12.164	106	328722	25.96	ug/L	96
55) Styrene	12.183	104	473248	21.61	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	194964	27.49	ug/L	95
59) Bromoform	12.353	173	91582	27.71	ug/L	99
60) Isopropylbenzene	12.463	105	871136	25.54	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	144689	27.31	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	724285	25.64	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	726821	25.78	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	362790	25.11	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	368201	25.19	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	339738	25.55	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	31246	28.38	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	235195	22.80	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	189288	22.54	ug/L	95
71) Naphthalene	15.365	128	412629	23.32	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	169672	22.89	ug/L	98

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

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