Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021320\
Data File : VW014982.D
Acq On : 13 Feb 2020 16:03
Operator : SY/VA
Sample : MDL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : MDL01

Manual Integrations APPROVED
MMDadoda
2/14/2020 4:29:01 PM

Quant Time: Feb 14 05:00:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 14 04:50:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	737037	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	689140	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	283905	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	363484	24.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.96%			
7) Chloroethane-d5	2.89	69	278793	24.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	4.02	63	496608	18.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.60%			
21) 2-Butanone-d5	7.08	46	199194	48.15	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.30%			
24) Chloroform-d	7.65	84	581489	24.56	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.24%			
26) 1,2-Dichloroethane-d4	8.31	65	352801	25.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	8.27	84	1170782	25.21	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.84%			
36) 1,2-Dichloropropane-d6	9.27	67	402006	25.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.68%			
41) Toluene-d8	10.32	98	996901	25.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloropropene-	10.57	79	144881	23.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.52%			
47) 2-Hexanone-d5	10.92	63	136485	48.05	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.10%			
56) 1,1,2,2-Tetrachloroethane-	12.69	84	290330	24.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.44%			
66) 1,2-Dichlorobenzene-d4	13.85	152	278079	26.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.12%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	12622	1.724	ug/L	97
3) Chloromethane	2.21	50	26784	1.945	ug/L	95
5) Vinyl chloride	2.36	62	37088m	2.092	ug/L	
6) Bromomethane	2.78	94	16451	2.046	ug/L	96
8) Chloroethane	2.92	64	18341	1.934	ug/L	100
9) Trichlorofluoromethane	3.26	101	12365	1.766	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	26582m	2.321	ug/L	
12) 1,1-Dichloroethene	4.04	96	24069	2.191	ug/L #	1
13) Acetone	4.12	43	20822	4.822	ug/L	97
14) Carbon disulfide	4.39	76	77032	1.940	ug/L	98
15) Methyl Acetate	4.68	43	14491	1.934	ug/L	93
16) Methylene chloride	4.92	84	70420	5.171	ug/L	96
17) trans-1,2-Dichloroethene	5.42	96	23031	2.078	ug/L	87
18) Methyl tert-butyl Ether	5.43	73	25767	1.884	ug/L	94
19) 1,1-Dichloroethane	6.21	63	49940	2.017	ug/L	96
20) cis-1,2-Dichloroethene	7.17	96	22416	1.962	ug/L	98
22) 2-Butanone	7.17	43	24634	4.745	ug/L	81

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2/14/2020 4:29:01 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	7.52	128	9071	1.958 ug/L	98
25) Chloroform	7.68	83	47523	2.154 ug/L	99
27) 1,2-Dichloroethane	8.40	62	34007	2.098 ug/L #	95
29) Cyclohexane	7.96	56	37012	1.647 ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	33887	2.022 ug/L	99
31) Carbon tetrachloride	8.06	117	30744	2.035 ug/L	96
33) Benzene	8.32	78	102925	2.034 ug/L	100
34) Trichloroethene	9.09	95	24205	1.997 ug/L	98
35) Methylcyclohexane	9.34	83	37458	1.792 ug/L	96
37) 1,2-Dichloropropane	9.37	63	28808	2.039 ug/L #	97
38) Bromodichloromethane	9.64	83	31705	1.992 ug/L	97
39) cis-1,3-Dichloropropene	10.07	75	36165	1.913 ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	36495	3.627 ug/L	97
42) Toluene	10.38	91	102051	2.087 ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	31670m	2.019 ug/L	
45) 1,1,2-Trichloroethane	10.79	97	17956	2.095 ug/L	92
46) Tetrachloroethene	10.86	164	16018	2.036 ug/L	87
48) 2-Hexanone	10.97	43	28721	3.918 ug/L	99
49) Dibromochloromethane	11.13	129	17674	1.979 ug/L	98
50) 1,2-Dibromoethane	11.24	107	15111	1.955 ug/L	100
51) Chlorobenzene	11.66	112	56285	1.952 ug/L	98
52) Ethylbenzene	11.73	91	96859	1.819 ug/L	99
53) m,p-Xylene	11.84	106	32327	1.730 ug/L	95
54) o-Xylene	12.16	106	29016	1.654 ug/L	89
55) Styrene	12.18	104	47771	1.579 ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.71	83	23757	2.071 ug/L #	99
59) Bromoform	12.35	173	8634	1.989 ug/L #	96
60) Isopropylbenzene	12.46	105	75934	1.709 ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	18037	2.168 ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	59028	1.666 ug/L	96
63) 1,2,4-Trimethylbenzene	13.25	105	53394	1.540 ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	35526	1.939 ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	37972	2.011 ug/L	94
67) 1,2-Dichlorobenzene	13.87	146	36963	2.180 ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.49	75	3605	2.072 ug/L	87
69) 1,3,5-Trichlorobenzene	14.63	180	24093	1.962 ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	15184	1.650 ug/L	98
71) Naphthalene	15.36	128	12961	1.371 ug/L	95
72) 1,2,3-Trichlorobenzene	15.55	180	14434	1.692 ug/L	96

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

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