Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031723\
Data File : VW025411.D
Acq On : 17 Mar 2023 11:40
Operator : SY/MD
Sample : 01927-12MS
Misc : 4.39g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCAQ8MS

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/20/2023
Supervised By :Mahesh Dadoda 03/20/2023

Quant Time: Mar 17 21:40:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 17 21:39:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	735835	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	604575	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	229290	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	242735	19.840	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.360%			
7) Chloroethane-d5	2.899	69	188132	21.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.480%			
11) 1,1-Dichloroethene-d2	4.027	63	507929	21.495	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.960%			
21) 2-Butanone-d5	7.075	46	122438	40.770	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.540%			
24) Chloroform-d	7.648	84	478085	22.537	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.160%			
26) 1,2-Dichloroethane-d4	8.307	65	253780	22.289	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.160%			
32) Benzene-d6	8.276	84	969419	23.467	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.880%			
36) 1,2-Dichloropropane-d6	9.270	67	304641	23.838	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.360%			
41) Toluene-d8	10.319	98	814510	22.363	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.440%			
43) trans-1,3-Dichloroprop...	10.575	79	104447	20.525	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.080%			
47) 2-Hexanone-d5	10.922	63	77564	42.207	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.420%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	201016	21.470	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.880%			
66) 1,2-Dichlorobenzene-d4	13.849	152	186385	21.859	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	175163	20.830	ug/L	92
3) Chloromethane	2.229	50	247368	24.734	ug/L	98
5) Vinyl chloride	2.375	62	282847	25.033	ug/L	97
6) Bromomethane	2.790	94	132871	22.057	ug/L	95
8) Chloroethane	2.936	64	162532	25.027	ug/L	92
9) Trichlorofluoromethane	3.265	101	214523	21.935	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	219257	23.118	ug/L	96
12) 1,1-Dichloroethene	4.045	96	220384m	24.017	ug/L	
13) Acetone	4.125	43	115864	40.134	ug/L	99
14) Carbon disulfide	4.393	76	700630	24.558	ug/L	99
15) Methyl Acetate	4.673	43	86021	15.883	ug/L	98
16) Methylene chloride	4.929	84	241674	23.587	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	230341	23.946	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	343846	23.744	ug/L	100
19) 1,1-Dichloroethane	6.222	63	482034	24.199	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	249156	23.658	ug/L #	93
22) 2-Butanone	7.173	43	151778	40.642	ug/L	100
23) Bromochloromethane	7.520	128	103906	22.943	ug/L	89
25) Chloroform	7.679	83	449022	23.979	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	298444	23.882	ug/L		99
29) Cyclohexane	7.959	56	404493	23.702	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	353789	24.617	ug/L		99
31) Carbon tetrachloride	8.075	117	311780	24.202	ug/L		100
33) Benzene	8.325	78	1001813	25.918	ug/L		100
34) Trichloroethene	9.093	95	247019	24.349	ug/L		99
35) Methylcyclohexane	9.337	83	330994	18.940	ug/L		99
37) 1,2-Dichloropropane	9.368	63	270683	25.441	ug/L		100
38) Bromodichloromethane	9.642	83	308873	24.892	ug/L		96
39) cis-1,3-Dichloropropene	10.075	75	343735	22.425	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	308304	48.211	ug/L		99
42) Toluene	10.386	91	998504	25.019	ug/L		98
44) trans-1,3-Dichloropropene	10.605	75	278150	21.669	ug/L		99
45) 1,1,2-Trichloroethane	10.788	97	172439	24.133	ug/L		99
46) Tetrachloroethene	10.861	164	159089	22.039	ug/L		98
48) 2-Hexanone	10.965	43	208815	45.387	ug/L		99
49) Dibromochloromethane	11.129	129	178909	23.434	ug/L		96
50) 1,2-Dibromoethane	11.233	107	150440	22.746	ug/L	#	96
51) Chlorobenzene	11.654	112	563795	22.259	ug/L		98
52) Ethylbenzene	11.727	91	1045712	22.974	ug/L		96
53) m,p-Xylene	11.837	106	381885	22.747	ug/L		100
54) o-Xylene	12.166	106	373490	23.642	ug/L		96
55) Styrene	12.178	104	595567	22.077	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.715	83	194942	21.933	ug/L		98
59) Bromoform	12.349	173	93630	28.303	ug/L		99
60) Isopropylbenzene	12.459	105	942694	27.580	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	142121	28.449	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	713284	26.349	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	702534	26.343	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	332626	22.966	ug/L		97
65) 1,4-Dichlorobenzene	13.574	146	332116	22.355	ug/L		93
67) 1,2-Dichlorobenzene	13.867	146	296200	22.802	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.476	75	28655	24.777	ug/L		93
69) 1,3,5-Trichlorobenzene	14.623	180	164458	16.704	ug/L		93
70) 1,2,4-trichlorobenzene	15.129	180	111732	13.687	ug/L		96
71) Naphthalene	15.360	128	280467	17.406	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	97752	13.332	ug/L		94

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

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