Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026537.D
Acq On : 06 Jul 2023 09:10
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025550

Quant Time: Jul 07 02:33:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 04 13:17:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	733673	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	640954	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	309648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	303049	27.470	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.880%			
7) Chloroethane-d5	2.893	69	225084	24.661	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.640%			
11) 1,1-Dichloroethene-d2	4.015	65	144173	28.019	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 112.080%#			
21) 2-Butanone-d5	7.075	46	200832	47.586	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.180%			
24) Chloroform-d	7.648	84	557433	25.789	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.160%			
26) 1,2-Dichloroethane-d4	8.307	65	308384	24.530	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.120%			
32) Benzene-d6	8.276	84	1153749	28.232	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.920%			
36) 1,2-Dichloropropane-d6	9.270	67	357839	27.464	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.840%			
41) Toluene-d8	10.319	98	1016455	27.706	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.840%			
43) trans-1,3-Dichloroprop...	10.575	79	145739	27.579	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.320%			
47) 2-Hexanone-d5	10.922	63	130373	50.256	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.520%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	287197	25.191	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.760%			
66) 1,2-Dichlorobenzene-d4	13.848	152	302001	24.557	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	233120	27.878	ug/L #	87
3) Chloromethane	2.222	50	307504	22.740	ug/L	97
5) Vinyl chloride	2.375	62	321503	24.141	ug/L	98
6) Bromomethane	2.789	94	167268	21.512	ug/L	95
8) Chloroethane	2.930	64	184514	23.000	ug/L	96
9) Trichlorofluoromethane	3.265	101	213941	24.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	257141	25.690	ug/L #	67
12) 1,1-Dichloroethene	4.039	96	243213	26.271	ug/L	92
13) Acetone	4.118	43	148524	56.743	ug/L	100
14) Carbon disulfide	4.387	76	749924	25.516	ug/L	100
15) Methyl Acetate	4.667	43	154587	23.736	ug/L	99
16) Methylene chloride	4.917	84	270872	20.717	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	260927	25.044	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	444251	24.389	ug/L	99
19) 1,1-Dichloroethane	6.216	63	531543	23.691	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	285682	23.900	ug/L	98
22) 2-Butanone	7.167	43	224405	46.063	ug/L	99
23) Bromochloromethane	7.514	128	116951	23.625	ug/L	97
25) Chloroform	7.679	83	491398	24.440	ug/L	100

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	344745	23.269	ug/L		98
29) Cyclohexane	7.953	56	514968	28.839	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	398570	27.638	ug/L		99
31) Carbon tetrachloride	8.069	117	349989	26.919	ug/L		98
33) Benzene	8.325	78	1104273	26.603	ug/L		100
34) Trichloroethene	9.087	95	282806	26.712	ug/L		97
35) Methylcyclohexane	9.337	83	504554	27.900	ug/L		99
37) 1,2-Dichloropropane	9.367	63	300434	26.419	ug/L		100
38) Bromodichloromethane	9.642	83	342675	25.538	ug/L		100
39) cis-1,3-Dichloropropene	10.069	75	457122	27.262	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	445929	50.676	ug/L		100
42) Toluene	10.386	91	1145211	27.105	ug/L		97
44) trans-1,3-Dichloropropene	10.605	75	380076	27.047	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	207386	24.809	ug/L		98
46) Tetrachloroethene	10.861	164	190354	25.623	ug/L		94
48) 2-Hexanone	10.965	43	317610	51.761	ug/L		96
49) Dibromochloromethane	11.123	129	208983	24.952	ug/L		97
50) 1,2-Dibromoethane	11.233	107	191973	25.041	ug/L		94
51) Chlorobenzene	11.654	112	703403	25.471	ug/L		97
52) Ethylbenzene	11.727	91	1299069	26.037	ug/L		99
53) m,p-Xylene	11.837	106	477570	26.178	ug/L		100
54) o-Xylene	12.166	106	454492	25.713	ug/L		99
55) Styrene	12.178	104	765611	25.329	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	266126	24.317	ug/L		96
59) Bromoform	12.349	173	120202	24.746	ug/L	#	97
60) Isopropylbenzene	12.458	105	1270862	26.759	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	200155	24.810	ug/L		100
62) 1,3,5-Trimethylbenzene	12.940	105	1038854	26.529	ug/L		99
63) 1,2,4-Trimethylbenzene	13.251	105	1028737	27.310	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	501552	24.823	ug/L		95
65) 1,4-Dichlorobenzene	13.574	146	502991	24.966	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	450863	23.687	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.482	75	45365	22.299	ug/L		92
69) 1,3,5-Trichlorobenzene	14.623	180	347128	25.828	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	289850	26.437	ug/L		97
71) Naphthalene	15.360	128	658976	26.857	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	256564	26.191	ug/L		99

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

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