Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071822\
Data File : VW023851.D
Acq On : 18 Jul 2022 19:25
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Quant Time: Jul 19 01:10:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 19 01:05:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	212234	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	228412	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	142921	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	158396	29.221	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.880%			
7) Chloroethane-d5	2.873	69	104005	28.761	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.040%			
11) 1,1-Dichloroethene-d2	4.013	63	89189	20.206	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.840%			
21) 2-Butanone-d5	7.080	46	42652	50.728	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.460%			
24) Chloroform-d	7.647	84	148114	23.970	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.880%			
26) 1,2-Dichloroethane-d4	8.305	65	90267	23.885	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.560%			
32) Benzene-d6	8.269	84	273267	23.015	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.040%			
36) 1,2-Dichloropropane-d6	9.275	67	86446	24.170	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.680%			
41) Toluene-d8	10.323	98	279192	23.182	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.720%			
43) trans-1,3-Dichloroprop...	10.573	79	39223	23.396	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.600%			
47) 2-Hexanone-d5	10.921	63	39932	53.096	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.200%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	105070	26.583	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 106.320%			
66) 1,2-Dichlorobenzene-d4	13.853	152	118130	23.154	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	39822	27.611	ug/L	98
3) Chloromethane	2.215	50	100675	28.504	ug/L	99
5) Vinyl chloride	2.355	62	179306	29.564	ug/L	99
6) Bromomethane	2.770	94	94953	24.205	ug/L	98
8) Chloroethane	2.916	64	78567	27.690	ug/L	94
9) Trichlorofluoromethane	3.245	101	71457	25.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	56659	21.000	ug/L #	89
12) 1,1-Dichloroethene	4.032	96	46647	20.734	ug/L	88
13) Acetone	4.129	43	25631	43.117	ug/L	92
14) Carbon disulfide	4.379	76	120841	18.259	ug/L	96
15) Methyl Acetate	4.672	43	32097	24.125	ug/L	99
16) Methylene chloride	4.916	84	70728	21.312	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	61058	22.369	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	100650	23.834	ug/L #	89
19) 1,1-Dichloroethane	6.208	63	117632	23.362	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	71195	23.543	ug/L	96
22) 2-Butanone	7.177	43	47898	49.030	ug/L	95
23) Bromochloromethane	7.513	128	36629	25.214	ug/L	98
25) Chloroform	7.677	83	139353	24.024	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Tue Jul 19 01:05:58 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	106425	24.929	ug/L		99
29) Cyclohexane	7.952	56	88059	21.079	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	107373	21.711	ug/L		97
31) Carbon tetrachloride	8.067	117	96452	21.635	ug/L		98
33) Benzene	8.317	78	297636	22.930	ug/L		100
34) Trichloroethene	9.092	95	74416	21.711	ug/L		94
35) Methylcyclohexane	9.329	83	110969	21.261	ug/L		98
37) 1,2-Dichloropropane	9.366	63	79127	24.316	ug/L		99
38) Bromodichloromethane	9.646	83	113380	24.964	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	112728	22.983	ug/L		100
40) 4-Methyl-2-pentanone	10.207	43	124808	55.116	ug/L		98
42) Toluene	10.384	91	362766	24.506	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	109720	23.536	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	69088	24.281	ug/L		96
46) Tetrachloroethene	10.860	164	58856	22.207	ug/L		91
48) 2-Hexanone	10.969	43	92696	56.224	ug/L		99
49) Dibromochloromethane	11.128	129	86366	26.173	ug/L		100
50) 1,2-Dibromoethane	11.232	107	67422	24.664	ug/L	#	97
51) Chlorobenzene	11.658	112	238662	23.905	ug/L		95
52) Ethylbenzene	11.731	91	411987	24.491	ug/L		98
53) m,p-Xylene	11.841	106	161939	24.674	ug/L		95
54) o-Xylene	12.164	106	163854	25.996	ug/L		99
55) Styrene	12.176	104	302213	27.141	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.713	83	104062	26.812	ug/L		95
59) Bromoform	12.347	173	50924	24.164	ug/L	#	99
60) Isopropylbenzene	12.463	105	454848	23.692	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	73777	23.542	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	376059	23.925	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	380610	24.220	ug/L		100
64) 1,3-Dichlorobenzene	13.493	146	204188	23.425	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	217009	23.400	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	201207	24.475	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17101	23.659	ug/L		89
69) 1,3,5-Trichlorobenzene	14.627	180	128189	22.218	ug/L		95
70) 1,2,4-trichlorobenzene	15.127	180	108432	24.338	ug/L		97
71) Naphthalene	15.365	128	243636	25.494	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	100587	24.223	ug/L		98

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

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