Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053024\
Data File : VW028903.D
Acq On : 30 May 2024 11:18
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025483

Quant Time: May 31 01:33:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 29 23:53:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	288650	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	264752	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137396	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	123968	22.617	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.480%			
7) Chloroethane-d5	2.899	69	98342	23.432	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.720%			
11) 1,1-Dichloroethene-d2	4.021	65	56525	24.683	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.720%			
21) 2-Butanone-d5	7.075	46	69829	48.830	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.660%			
24) Chloroform-d	7.648	84	250134	27.733	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.920%			
26) 1,2-Dichloroethane-d4	8.307	65	136732	26.480	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.920%			
32) Benzene-d6	8.276	84	477461	27.030	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.120%			
36) 1,2-Dichloropropane-d6	9.270	67	147057	27.667	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.680%			
41) Toluene-d8	10.325	98	432739	27.664	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.640%			
43) trans-1,3-Dichloroprop...	10.575	79	59299	27.732	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.920%			
47) 2-Hexanone-d5	10.922	63	48603	53.017	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.040%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	117606	26.386	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.560%			
66) 1,2-Dichlorobenzene-d4	13.848	152	139065	26.556	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	76883	18.329	ug/L	92
3) Chloromethane	2.222	50	99248	19.099	ug/L	98
5) Vinyl chloride	2.375	62	126624	21.643	ug/L	96
6) Bromomethane	2.789	94	73224	21.636	ug/L	99
8) Chloroethane	2.936	64	77391	23.195	ug/L	99
9) Trichlorofluoromethane	3.271	101	106455	22.163	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	105692	23.866	ug/L	97
12) 1,1-Dichloroethene	4.045	96	100846	25.385	ug/L	88
13) Acetone	4.118	43	70721	54.362	ug/L	96
14) Carbon disulfide	4.387	76	270202	20.125	ug/L	100
15) Methyl Acetate	4.673	43	52405	23.154	ug/L	100
16) Methylene chloride	4.917	84	121376	27.189	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	104508	25.269	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	171786	28.146	ug/L	99
19) 1,1-Dichloroethane	6.216	63	218425	26.633	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	117909	27.241	ug/L	96
22) 2-Butanone	7.167	43	78137	46.794	ug/L	97
23) Bromochloromethane	7.514	128	51616	27.338	ug/L	94
25) Chloroform	7.673	83	220844	27.840	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	148612	25.772	ug/L	100
29) Cyclohexane	7.959	56	177011	23.449	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	178510	26.907	ug/L	99
31) Carbon tetrachloride	8.069	117	161142	26.639	ug/L	97
33) Benzene	8.325	78	466198	27.155	ug/L	100
34) Trichloroethene	9.093	95	121421	26.379	ug/L	97
35) Methylcyclohexane	9.337	83	194759	24.212	ug/L	98
37) 1,2-Dichloropropane	9.367	63	126509	28.279	ug/L	99
38) Bromodichloromethane	9.642	83	156086	28.623	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	189512	29.556	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	154038	50.592	ug/L	99
42) Toluene	10.386	91	492357	27.767	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	156313	28.914	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	88604	27.341	ug/L	98
46) Tetrachloroethene	10.861	164	88677	26.739	ug/L	94
48) 2-Hexanone	10.965	43	118117	54.950	ug/L	99
49) Dibromochloromethane	11.129	129	94645	29.117	ug/L	99
50) 1,2-Dibromoethane	11.233	107	79259	26.109	ug/L	98
51) Chlorobenzene	11.654	112	303897	27.707	ug/L	95
52) Ethylbenzene	11.727	91	568563	28.334	ug/L	96
53) m,p-Xylene	11.836	106	212751	28.923	ug/L	98
54) o-Xylene	12.166	106	200833	29.513	ug/L	88
55) Styrene	12.178	104	349183	30.283	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	105269	25.891	ug/L	98
59) Bromoform	12.343	173	53573	26.726	ug/L	98
60) Isopropylbenzene	12.458	105	566633	27.183	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	79143	23.835	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	422422	28.642	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	439438	27.654	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	243949	28.132	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	244411	27.569	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	218277	28.124	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	16504	21.258	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	156755	26.939	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	130784	27.816	ug/L	98
71) Naphthalene	15.360	128	249973	24.954	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116166	27.381	ug/L	99

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

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