Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081423\
Data File : VW026722.D
Acq On : 14 Aug 2023 08:57
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025577

Quant Time: Aug 14 23:18:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Aug 12 00:39:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	511216	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	499568	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	272130	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162326	19.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.280%			
7) Chloroethane-d5	2.893	69	131977	21.119	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.480%			
11) 1,1-Dichloroethene-d2	4.021	65	99783	24.141	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.560%			
21) 2-Butanone-d5	7.081	46	108923	45.095	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.180%			
24) Chloroform-d	7.654	84	454807	26.507	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.040%			
26) 1,2-Dichloroethane-d4	8.307	65	245990	25.980	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.920%			
32) Benzene-d6	8.276	84	903365	26.238	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.960%			
36) 1,2-Dichloropropane-d6	9.276	67	286520	26.716	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.880%			
41) Toluene-d8	10.325	98	800095	27.072	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.280%			
43) trans-1,3-Dichloroprop...	10.575	79	115370	26.055	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.200%			
47) 2-Hexanone-d5	10.922	63	54741	48.576	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.160%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	219114	25.871	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	243744	25.025	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	184869	26.598	ug/L #	83
3) Chloromethane	2.228	50	226254	23.806	ug/L	97
5) Vinyl chloride	2.375	62	229678	25.279	ug/L	97
6) Bromomethane	2.789	94	126747	23.944	ug/L	95
8) Chloroethane	2.930	64	135224	24.839	ug/L	98
9) Trichlorofluoromethane	3.265	101	191726	25.713	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	237058	29.433	ug/L	95
12) 1,1-Dichloroethene	4.045	96	214850	28.434	ug/L	95
13) Acetone	4.124	43	128932	53.685	ug/L	94
14) Carbon disulfide	4.393	76	762151	28.037	ug/L	98
15) Methyl Acetate	4.673	43	122390	25.441	ug/L	98
16) Methylene chloride	4.917	84	247950	25.073	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	232318	27.552	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	343419	26.917	ug/L	100
19) 1,1-Dichloroethane	6.216	63	479996	27.659	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	247029	27.256	ug/L	99
22) 2-Butanone	7.173	43	179342	50.672	ug/L	100
23) Bromochloromethane	7.514	128	106299	27.152	ug/L	93
25) Chloroform	7.679	83	455334	27.159	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	320160	27.373	ug/L		100
29) Cyclohexane	7.959	56	446421	28.896	ug/L		100
30) 1,1,1-Trichloroethane	7.874	97	362703	27.819	ug/L		99
31) Carbon tetrachloride	8.069	117	336809	28.254	ug/L		95
33) Benzene	8.325	78	1026622	28.219	ug/L		100
34) Trichloroethene	9.093	95	252285	27.228	ug/L		98
35) Methylcyclohexane	9.337	83	464775	29.322	ug/L		100
37) 1,2-Dichloropropane	9.367	63	277178	27.816	ug/L		99
38) Bromodichloromethane	9.642	83	325084	27.809	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	406754	28.374	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	341864	52.742	ug/L		99
42) Toluene	10.386	91	1073463	29.169	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	342954	27.795	ug/L		95
45) 1,1,2-Trichloroethane	10.782	97	181775	26.673	ug/L		98
46) Tetrachloroethene	10.861	164	181520	26.966	ug/L		99
48) 2-Hexanone	10.965	43	246682	55.931	ug/L		99
49) Dibromochloromethane	11.129	129	192656	27.029	ug/L		93
50) 1,2-Dibromoethane	11.233	107	167898	26.257	ug/L		92
51) Chlorobenzene	11.654	112	632513	27.209	ug/L		98
52) Ethylbenzene	11.727	91	1188097	28.789	ug/L		99
53) m,p-Xylene	11.836	106	445186	29.118	ug/L		93
54) o-Xylene	12.160	106	404166	28.325	ug/L		95
55) Styrene	12.178	104	742739	29.937	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.714	83	229600	26.602	ug/L		99
59) Bromoform	12.349	173	110214	25.854	ug/L		99
60) Isopropylbenzene	12.458	105	1152542	28.487	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	164074	24.856	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	928256	29.027	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	925777	29.542	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	480720	27.320	ug/L		90
65) 1,4-Dichlorobenzene	13.574	146	479069	26.089	ug/L		93
67) 1,2-Dichlorobenzene	13.867	146	431191	26.948	ug/L		94
68) 1,2-Dibromo-3-chloropr...	14.476	75	37470	23.546	ug/L	#	82
69) 1,3,5-Trichlorobenzene	14.623	180	311955	26.242	ug/L		99
70) 1,2,4-trichlorobenzene	15.129	180	248683	24.673	ug/L		96
71) Naphthalene	15.360	128	482114	25.076	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	234999	25.850	ug/L		100

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

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