Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026882.D
Acq On : 25 Aug 2023 03:41
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025596

Quant Time: Aug 25 05:26:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 05:00:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	639281	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	617066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	335707	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	205077	19.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.040%			
7) Chloroethane-d5	2.899	69	166350	21.287	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.160%			
11) 1,1-Dichloroethene-d2	4.021	65	99872	19.322	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.280%			
21) 2-Butanone-d5	7.081	46	136825	45.299	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.600%			
24) Chloroform-d	7.648	84	488821	22.782	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.120%			
26) 1,2-Dichloroethane-d4	8.307	65	265515	22.424	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.680%			
32) Benzene-d6	8.276	84	1003197	23.589	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.360%			
36) 1,2-Dichloropropane-d6	9.270	67	312556	23.594	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.360%			
41) Toluene-d8	10.325	98	890145	24.383	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.520%			
43) trans-1,3-Dichloroprop...	10.575	79	118207	21.612	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.440%			
47) 2-Hexanone-d5	10.922	63	72955	52.412	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.820%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	261464	24.993	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.960%			
66) 1,2-Dichlorobenzene-d4	13.848	152	304082	25.307	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	155851	17.931	ug/L	97
3) Chloromethane	2.222	50	210697	17.728	ug/L	97
5) Vinyl chloride	2.375	62	220654	19.421	ug/L	100
6) Bromomethane	2.789	94	130365	19.694	ug/L	96
8) Chloroethane	2.930	64	137223	20.157	ug/L	97
9) Trichlorofluoromethane	3.265	101	162526	17.430	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	203994	20.254	ug/L #	75
12) 1,1-Dichloroethene	4.045	96	198952	21.055	ug/L	94
13) Acetone	4.131	43	89309	29.737	ug/L	94
14) Carbon disulfide	4.393	76	585564	17.226	ug/L	99
15) Methyl Acetate	4.673	43	145662	24.213	ug/L	95
16) Methylene chloride	4.917	84	258527	20.906	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	226798	21.509	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	427650	26.805	ug/L	96
19) 1,1-Dichloroethane	6.216	63	470806	21.695	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	263785	23.275	ug/L	94
22) 2-Butanone	7.173	43	160106	36.175	ug/L	94
23) Bromochloromethane	7.514	128	115007	23.491	ug/L	90
25) Chloroform	7.679	83	452615	21.589	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Fri Aug 25 05:00:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	313420	21.429	ug/L	100
29) Cyclohexane	7.953	56	378912	19.856	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	350593	21.770	ug/L	98
31) Carbon tetrachloride	8.069	117	305893	20.774	ug/L	94
33) Benzene	8.325	78	1002856	22.317	ug/L	100
34) Trichloroethene	9.093	95	254821	22.265	ug/L	98
35) Methylcyclohexane	9.331	83	401564	20.510	ug/L	96
37) 1,2-Dichloropropane	9.367	63	272956	22.176	ug/L	99
38) Bromodichloromethane	9.642	83	324632	22.483	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	397168	22.430	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	374788	46.812	ug/L	95
42) Toluene	10.386	91	1046566	23.023	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	330380	21.677	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	202140	24.013	ug/L	97
46) Tetrachloroethene	10.861	164	189010	22.732	ug/L	95
48) 2-Hexanone	10.965	43	233844	42.924	ug/L	95
49) Dibromochloromethane	11.129	129	211599	24.034	ug/L	98
50) 1,2-Dibromoethane	11.233	107	189663	24.013	ug/L	98
51) Chlorobenzene	11.654	112	667988	23.264	ug/L	99
52) Ethylbenzene	11.727	91	1178343	23.116	ug/L	95
53) m,p-Xylene	11.836	106	451090	23.886	ug/L	89
54) o-Xylene	12.166	106	432637	24.546	ug/L	98
55) Styrene	12.178	104	758956	24.766	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	246769	23.147	ug/L	99
59) Bromoform	12.342	173	131158	24.940	ug/L	95
60) Isopropylbenzene	12.458	105	1179741	23.637	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	183252	22.504	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	964882	24.458	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	959810	24.828	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	520619	23.984	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	521482	23.020	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	476185	24.124	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	42521	21.660	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	348063	23.734	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	313832	25.240	ug/L	97
71) Naphthalene	15.360	128	678392	28.603	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	297874	26.561	ug/L	98

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

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