Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081623\
Data File : VW026751.D
Acq On : 16 Aug 2023 09:20
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025581

Quant Time: Aug 17 01:25:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 16 01:29:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	499620	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	505434	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	264400	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	147359	17.942	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.760%			
7) Chloroethane-d5	2.893	69	125117	20.486	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.960%			
11) 1,1-Dichloroethene-d2	4.027	65	85510	21.168	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.680%			
21) 2-Butanone-d5	7.075	46	99526	42.161	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.320%			
24) Chloroform-d	7.648	84	430360	25.665	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.640%			
26) 1,2-Dichloroethane-d4	8.307	65	231217	24.986	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.960%			
32) Benzene-d6	8.270	84	828550	23.786	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.160%			
36) 1,2-Dichloropropane-d6	9.270	67	260750	24.031	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.120%			
41) Toluene-d8	10.325	98	737566	24.666	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.680%			
43) trans-1,3-Dichloroprop...	10.575	79	99274	22.159	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.640%			
47) 2-Hexanone-d5	10.922	63	54081	47.434	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.860%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	213093	24.868	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	240012	25.362	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	154404	22.730	ug/L	94
3) Chloromethane	2.222	50	174975	18.838	ug/L	100
5) Vinyl chloride	2.375	62	194814	21.939	ug/L	100
6) Bromomethane	2.783	94	109497	21.165	ug/L	94
8) Chloroethane	2.930	64	112936	21.226	ug/L	99
9) Trichlorofluoromethane	3.265	101	166216	22.809	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	192434	24.447	ug/L	99
12) 1,1-Dichloroethene	4.045	96	171831	23.268	ug/L	93
13) Acetone	4.125	43	105202	44.821	ug/L	96
14) Carbon disulfide	4.393	76	621602	23.397	ug/L	99
15) Methyl Acetate	4.667	43	92270	19.625	ug/L	99
16) Methylene chloride	4.911	84	200171	20.712	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	188933	22.927	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	273897	21.967	ug/L	99
19) 1,1-Dichloroethane	6.210	63	402764	23.747	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	204259	23.060	ug/L	98
22) 2-Butanone	7.167	43	135188	39.083	ug/L	98
23) Bromochloromethane	7.508	128	91070	23.802	ug/L	98
25) Chloroform	7.679	83	391160	23.873	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	268176	23.461	ug/L	99
29) Cyclohexane	7.959	56	335508	21.465	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	316534	23.996	ug/L	99
31) Carbon tetrachloride	8.069	117	286275	23.736	ug/L	95
33) Benzene	8.319	78	869907	23.634	ug/L	100
34) Trichloroethene	9.087	95	216188	23.062	ug/L	96
35) Methylcyclohexane	9.331	83	361593	22.547	ug/L	99
37) 1,2-Dichloropropane	9.367	63	222156	22.035	ug/L	98
38) Bromodichloromethane	9.642	83	272364	23.029	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	347997	23.994	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	263424	40.169	ug/L	99
42) Toluene	10.386	91	926863	24.893	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	280642	22.481	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	154616	22.424	ug/L	98
46) Tetrachloroethene	10.861	164	163090	23.947	ug/L	94
48) 2-Hexanone	10.965	43	193650	43.397	ug/L	99
49) Dibromochloromethane	11.129	129	169705	23.533	ug/L	89
50) 1,2-Dibromoethane	11.233	107	142722	22.060	ug/L	98
51) Chlorobenzene	11.654	112	559847	23.804	ug/L	99
52) Ethylbenzene	11.727	91	943741	22.602	ug/L	100
53) m,p-Xylene	11.837	106	364053	23.535	ug/L	96
54) o-Xylene	12.166	106	347019	24.037	ug/L	95
55) Styrene	12.178	104	623829	24.852	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	187810	21.508	ug/L	98
59) Bromoform	12.349	173	96475	23.293	ug/L	97
60) Isopropylbenzene	12.458	105	1027171	26.130	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	134161	20.918	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	779285	25.081	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	781247	25.659	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	407307	23.825	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	422635	23.689	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	380519	24.477	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	29931	19.358	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	264602	22.909	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	221194	22.588	ug/L	96
71) Naphthalene	15.360	128	409049	21.898	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	200044	22.648	ug/L	99

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

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