Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041023\
Data File : VW025566.D
Acq On : 10 Apr 2023 08:42
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Quant Time: Apr 11 01:53:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 04 03:07:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	741693	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	642598	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	314684	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	264005	21.874	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.480%			
7) Chloroethane-d5	2.899	69	197325	22.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.840%			
11) 1,1-Dichloroethene-d2	4.021	63	564246	23.117	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.480%			
21) 2-Butanone-d5	7.075	46	117126	43.500	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.000%			
24) Chloroform-d	7.648	84	491263	23.590	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.360%			
26) 1,2-Dichloroethane-d4	8.307	65	246618	22.763	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.040%			
32) Benzene-d6	8.270	84	1006616	24.192	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.760%			
36) 1,2-Dichloropropane-d6	9.270	67	308874	23.808	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.240%			
41) Toluene-d8	10.325	98	895287	24.632	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.520%			
43) trans-1,3-Dichloroprop...	10.575	79	112493	23.127	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.520%			
47) 2-Hexanone-d5	10.922	63	81405	45.905	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.800%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200306	22.875	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	258734	23.933	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	231616	22.331	ug/L	99
3) Chloromethane	2.223	50	296449	24.636	ug/L	99
5) Vinyl chloride	2.375	62	345528	25.975	ug/L	96
6) Bromomethane	2.796	94	176563	24.674	ug/L	97
8) Chloroethane	2.936	64	188297	25.274	ug/L	99
9) Trichlorofluoromethane	3.271	101	274374	26.773	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	270981	26.350	ug/L	99
12) 1,1-Dichloroethene	4.045	96	264182	25.664	ug/L	91
13) Acetone	4.119	43	113169	49.661	ug/L	97
14) Carbon disulfide	4.387	76	876844	24.144	ug/L	98
15) Methyl Acetate	4.667	43	111261	21.732	ug/L	99
16) Methylene chloride	4.917	84	273628	23.210	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	272706	24.918	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	351681	23.285	ug/L	100
19) 1,1-Dichloroethane	6.216	63	550764	25.189	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	284978	25.027	ug/L #	95
22) 2-Butanone	7.167	43	153530	47.392	ug/L	99
23) Bromochloromethane	7.514	128	112207	24.029	ug/L	96
25) Chloroform	7.673	83	500058	25.009	ug/L	100

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Quant Title : SFAM01.0
QLast Update : Tue Apr 04 03:07:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	318765	23.757	ug/L	97
29) Cyclohexane	7.959	56	543505	26.132	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	424343	26.577	ug/L	100
31) Carbon tetrachloride	8.069	117	375138	26.017	ug/L	97
33) Benzene	8.325	78	1139625	25.479	ug/L	100
34) Trichloroethene	9.093	95	293825	25.256	ug/L	96
35) Methylcyclohexane	9.337	83	541116	25.758	ug/L	99
37) 1,2-Dichloropropane	9.368	63	302658	25.622	ug/L	100
38) Bromodichloromethane	9.642	83	340765	25.213	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	436113	25.738	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	304966	45.611	ug/L	100
42) Toluene	10.386	91	1207850	26.520	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	350165	25.061	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	182391	24.216	ug/L	95
46) Tetrachloroethene	10.861	164	209223	25.570	ug/L	93
48) 2-Hexanone	10.965	43	221906	48.035	ug/L	95
49) Dibromochloromethane	11.129	129	195174	24.612	ug/L	100
50) 1,2-Dibromoethane	11.233	107	167201	24.160	ug/L	98
51) Chlorobenzene	11.654	112	696918	24.832	ug/L	97
52) Ethylbenzene	11.727	91	1354027	26.272	ug/L	99
53) m,p-Xylene	11.837	106	499588	26.432	ug/L	97
54) o-Xylene	12.160	106	466448	26.380	ug/L	93
55) Styrene	12.178	104	803358	26.993	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	212985	23.608	ug/L	99
59) Bromoform	12.349	173	102461	23.761	ug/L	96
60) Isopropylbenzene	12.458	105	1313989	26.656	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	151834	23.280	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1060953	27.265	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1032175	27.547	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	527146	25.806	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	516786	24.772	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	460239	25.699	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	31761	22.199	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	346432	25.330	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	279853	25.189	ug/L	96
71) Naphthalene	15.360	128	510328	24.617	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	247395	25.469	ug/L	97

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

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