Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
Data File : VW025221.D
Acq On : 11 Jan 2023 12:09
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Quant Time: Jan 12 04:19:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 04 00:45:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	498409	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	414533	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	202684	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	135988	23.502	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.000%			
7) Chloroethane-d5	2.879	69	94338	25.875	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.520%			
11) 1,1-Dichloroethene-d2	4.019	63	317343	25.040	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.160%			
21) 2-Butanone-d5	7.080	46	64376	43.898	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.800%			
24) Chloroform-d	7.647	84	314866	25.206	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.840%			
26) 1,2-Dichloroethane-d4	8.305	65	156032	24.249	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.000%			
32) Benzene-d6	8.275	84	659943	26.512	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.040%			
36) 1,2-Dichloropropane-d6	9.274	67	191261	26.267	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.080%			
41) Toluene-d8	10.323	98	595010	26.265	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.040%			
43) trans-1,3-Dichloroprop...	10.579	79	79447	25.480	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.920%			
47) 2-Hexanone-d5	10.920	63	52827	46.041	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.080%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125781	24.701	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	175408	24.357	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	58028	20.526	ug/L	96
3) Chloromethane	2.209	50	115707	23.220	ug/L	100
5) Vinyl chloride	2.361	62	155409	24.451	ug/L	100
6) Bromomethane	2.776	94	80428	24.107	ug/L	96
8) Chloroethane	2.922	64	75066	25.339	ug/L	100
9) Trichlorofluoromethane	3.257	101	124433	28.265	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	153793	24.004	ug/L	99
12) 1,1-Dichloroethene	4.044	96	151259	24.479	ug/L	84
13) Acetone	4.123	43	73565	42.893	ug/L	100
14) Carbon disulfide	4.385	76	501552	24.497	ug/L	97
15) Methyl Acetate	4.672	43	52720	21.275	ug/L #	76
16) Methylene chloride	4.915	84	166481	21.596	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	161129	24.345	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	212525	22.909	ug/L	100
19) 1,1-Dichloroethane	6.214	63	282312	24.247	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	165913	24.119	ug/L	97
22) 2-Butanone	7.171	43	83186	43.651	ug/L	98
23) Bromochloromethane	7.519	128	68454	23.840	ug/L	89
25) Chloroform	7.677	83	278139	24.297	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	166905	23.558	ug/L	100
29) Cyclohexane	7.957	56	277310	25.379	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	241070	26.185	ug/L	99
31) Carbon tetrachloride	8.067	117	219140	26.136	ug/L	100
33) Benzene	8.323	78	645491	25.758	ug/L	100
34) Trichloroethene	9.091	95	166810	25.525	ug/L	98
35) Methylcyclohexane	9.335	83	306607	25.854	ug/L	99
37) 1,2-Dichloropropane	9.366	63	153638	24.933	ug/L	99
38) Bromodichloromethane	9.646	83	197135	25.592	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	241111	25.651	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	142965	44.456	ug/L	99
42) Toluene	10.384	91	680829	25.830	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	199395	24.796	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	104221	24.383	ug/L	97
46) Tetrachloroethene	10.859	164	118978	24.779	ug/L	97
48) 2-Hexanone	10.963	43	112082	45.445	ug/L	99
49) Dibromochloromethane	11.128	129	123064	24.671	ug/L	90
50) 1,2-Dibromoethane	11.237	107	96256	23.805	ug/L	95
51) Chlorobenzene	11.658	112	413394	25.111	ug/L	98
52) Ethylbenzene	11.725	91	753032	25.637	ug/L	97
53) m,p-Xylene	11.841	106	286024	25.197	ug/L	98
54) o-Xylene	12.164	106	269831	25.828	ug/L	94
55) Styrene	12.176	104	459298	25.869	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	115496	24.232	ug/L	97
59) Bromoform	12.347	173	64560	24.148	ug/L	95
60) Isopropylbenzene	12.463	105	748389	24.505	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	84213	22.271	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	644896	24.906	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	627796	24.578	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	298574	23.918	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	297129	24.018	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	264768	24.576	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	18793	22.189	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	213147	23.966	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	174191	23.064	ug/L	96
71) Naphthalene	15.359	128	319566	21.590	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	143774	22.193	ug/L	98

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

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