Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102723\
Data File : VW027460.D
Acq On : 27 Oct 2023 09:35
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Quant Time: Oct 30 01:56:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	342067	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	315788	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	170431	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98047	18.781	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.120%			
7) Chloroethane-d5	2.899	69	83802	22.356	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.440%			
11) 1,1-Dichloroethene-d2	4.015	65	49869	19.064	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 76.240%			
21) 2-Butanone-d5	7.075	46	88850	51.205	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.420%			
24) Chloroform-d	7.648	84	253962	24.910	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.640%			
26) 1,2-Dichloroethane-d4	8.307	65	128755	23.510	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.040%			
32) Benzene-d6	8.276	84	486060	22.750	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	9.270	67	159954	24.511	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.040%			
41) Toluene-d8	10.325	98	416135	21.479	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.920%			
43) trans-1,3-Dichloroprop...	10.575	79	60153	20.217	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.880%			
47) 2-Hexanone-d5	10.922	63	66043	48.915	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.840%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	128353	26.362	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	137181	22.212	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	86583	21.273	ug/L #	91
3) Chloromethane	2.222	50	117503	25.122	ug/L	97
5) Vinyl chloride	2.375	62	127974	24.494	ug/L	99
6) Bromomethane	2.789	94	71899	24.161	ug/L	97
8) Chloroethane	2.930	64	77339	25.716	ug/L	98
9) Trichlorofluoromethane	3.265	101	101580	27.559	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	115593	25.044	ug/L	96
12) 1,1-Dichloroethene	4.045	96	110343	24.600	ug/L	90
13) Acetone	4.118	43	79266	52.891	ug/L	99
14) Carbon disulfide	4.393	76	285787	20.552	ug/L	100
15) Methyl Acetate	4.673	43	62657	24.478	ug/L	99
16) Methylene chloride	4.917	84	133634	21.342	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	120292	24.954	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	211913	25.479	ug/L	98
19) 1,1-Dichloroethane	6.216	63	266056	27.051	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	144353	26.516	ug/L	97
22) 2-Butanone	7.173	43	100975	45.014	ug/L	98
23) Bromochloromethane	7.514	128	54515	24.255	ug/L	83
25) Chloroform	7.679	83	255214	27.725	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	165919	26.534	ug/L	98
29) Cyclohexane	7.959	56	226163	23.588	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	195653	25.399	ug/L	98
31) Carbon tetrachloride	8.069	117	168697	24.288	ug/L	99
33) Benzene	8.325	78	549155	26.609	ug/L	100
34) Trichloroethene	9.093	95	141094	25.882	ug/L	95
35) Methylcyclohexane	9.337	83	233081	23.909	ug/L	98
37) 1,2-Dichloropropane	9.367	63	154885	27.756	ug/L	98
38) Bromodichloromethane	9.642	83	179054	26.095	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	228552	24.794	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	195325	50.898	ug/L	98
42) Toluene	10.386	91	577745	26.686	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	188013	24.173	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	102089	26.586	ug/L	94
46) Tetrachloroethene	10.861	164	94215	25.029	ug/L	90
48) 2-Hexanone	10.965	43	142853	50.294	ug/L	98
49) Dibromochloromethane	11.129	129	102170	23.958	ug/L	87
50) 1,2-Dibromoethane	11.233	107	90324	24.261	ug/L	95
51) Chlorobenzene	11.654	112	361072	26.633	ug/L	97
52) Ethylbenzene	11.727	91	667161	26.518	ug/L	98
53) m,p-Xylene	11.837	106	244413	25.614	ug/L	99
54) o-Xylene	12.166	106	236559	25.888	ug/L	99
55) Styrene	12.178	104	412355	26.423	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	125236	26.716	ug/L	95
59) Bromoform	12.349	173	56051	22.102	ug/L	95
60) Isopropylbenzene	12.458	105	667384	24.927	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90897	24.426	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	552047	24.719	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	535893	24.525	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	274111	25.247	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	276083	25.463	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	251436	26.098	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	19184	20.627	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	180743	25.644	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	148459	24.748	ug/L	98
71) Naphthalene	15.360	128	269018	21.807	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121684	24.668	ug/L	93

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

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