Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
Data File : VW025995.D
Acq On : 18 May 2023 15:52
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

Quant Time: May 19 04:39:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 19 04:36:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	475950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	429627	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	217474	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159281	23.616	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.480%			
7) Chloroethane-d5	2.899	69	132924	26.584	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.320%			
11) 1,1-Dichloroethene-d2	4.021	65	77212	22.863	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.440%			
21) 2-Butanone-d5	7.075	46	133138	59.712	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.420%			
24) Chloroform-d	7.648	84	356290	25.961	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.840%			
26) 1,2-Dichloroethane-d4	8.307	65	194496	25.062	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.240%			
32) Benzene-d6	8.276	84	692301	24.661	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.640%			
36) 1,2-Dichloropropane-d6	9.276	67	226964	25.269	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.080%			
41) Toluene-d8	10.319	98	594470	23.748	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.000%			
43) trans-1,3-Dichloroprop...	10.575	79	84538	23.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.880%			
47) 2-Hexanone-d5	10.922	63	92255	60.234	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	197660	28.873	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	195270	24.631	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	146185	27.492	ug/L #	84
3) Chloromethane	2.222	50	193555	24.687	ug/L	99
5) Vinyl chloride	2.375	62	213372	26.293	ug/L	99
6) Bromomethane	2.789	94	111822	25.335	ug/L	98
8) Chloroethane	2.936	64	123189	26.697	ug/L	100
9) Trichlorofluoromethane	3.265	101	135265	22.087	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	183771	27.591	ug/L	99
12) 1,1-Dichloroethene	4.051	96	160518	25.217	ug/L	95
13) Acetone	4.118	43	83590	42.280	ug/L	99
14) Carbon disulfide	4.393	76	501022	23.275	ug/L	99
15) Methyl Acetate	4.667	43	102566	26.326	ug/L	99
16) Methylene chloride	4.917	84	176965	18.029	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	168185	24.220	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	259836	24.654	ug/L	100
19) 1,1-Dichloroethane	6.216	63	359247	25.180	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	185394	24.885	ug/L	98
22) 2-Butanone	7.167	43	132083	48.383	ug/L	99
23) Bromochloromethane	7.514	128	79882	25.310	ug/L	87
25) Chloroform	7.673	83	335137	25.558	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
Data File : VW025995.D
Acq On : 18 May 2023 15:52
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

Quant Time: May 19 04:39:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 19 04:36:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	232976	25.017	ug/L	99
29) Cyclohexane	7.959	56	331099	24.869	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	271263	25.817	ug/L	100
31) Carbon tetrachloride	8.069	117	245748	25.990	ug/L	100
33) Benzene	8.325	78	754222	25.374	ug/L	100
34) Trichloroethene	9.093	95	186896	24.503	ug/L	98
35) Methylcyclohexane	9.337	83	334303	24.643	ug/L	98
37) 1,2-Dichloropropane	9.367	63	204519	25.114	ug/L	100
38) Bromodichloromethane	9.642	83	231972	24.829	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	283087	23.704	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	281575	53.120	ug/L	99
42) Toluene	10.386	91	781992	25.748	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	239655	24.219	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	140600	25.810	ug/L	97
46) Tetrachloroethene	10.861	164	134598	25.084	ug/L	97
48) 2-Hexanone	10.965	43	195458	51.472	ug/L	97
49) Dibromochloromethane	11.129	129	142985	25.353	ug/L	94
50) 1,2-Dibromoethane	11.233	107	129350	25.757	ug/L	97
51) Chlorobenzene	11.654	112	463198	24.619	ug/L	98
52) Ethylbenzene	11.727	91	867892	25.404	ug/L	99
53) m,p-Xylene	11.837	106	317700	25.267	ug/L	96
54) o-Xylene	12.166	106	297679	25.117	ug/L	96
55) Styrene	12.178	104	522343	25.750	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	182460	26.843	ug/L	99
59) Bromoform	12.349	173	83537	25.933	ug/L	98
60) Isopropylbenzene	12.458	105	857117	25.928	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	132186	25.719	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	666596	25.459	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	590630	24.445	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	342483	24.067	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	339949	23.645	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	316945	24.974	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	29607	24.842	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	214952	22.756	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	152287	19.244	ug/L	96
71) Naphthalene	15.360	128	324373	21.717	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	146947	20.928	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051823\
Data File : VW025995.D
Acq On : 18 May 2023 15:52
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025492

Quant Time: May 19 04:39:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 19 04:36:54 2023
Response via : Initial Calibration