Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022824\
Data File : VW028073.D
Acq On : 28 Feb 2024 11:14
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Quant Time: Feb 28 23:25:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 28 00:18:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247807	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232043	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124493	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	76855	26.480	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.920%			
7) Chloroethane-d5	2.899	69	63044	28.638	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.560%			
11) 1,1-Dichloroethene-d2	4.021	65	33160	26.701	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 106.800%			
21) 2-Butanone-d5	7.075	46	30662	67.991	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.980%#			
24) Chloroform-d	7.648	84	162033	27.964	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.840%			
26) 1,2-Dichloroethane-d4	8.301	65	78301	29.921	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.680%			
32) Benzene-d6	8.270	84	326963	26.336	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.360%			
36) 1,2-Dichloropropane-d6	9.270	67	86460	25.685	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.760%			
41) Toluene-d8	10.319	98	309306	26.039	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.160%			
43) trans-1,3-Dichloroprop...	10.575	79	39130	28.267	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 113.080%			
47) 2-Hexanone-d5	10.922	63	30938	67.570	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.140%#			
56) 1,1,2,2-Tetrachloroeth...	12.684	84	75419	29.977	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	110232	26.051	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	49524	23.207	ug/L	93
3) Chloromethane	2.222	50	46481	19.833	ug/L	98
5) Vinyl chloride	2.375	62	65914	20.751	ug/L	97
6) Bromomethane	2.789	94	51380	22.892	ug/L	96
8) Chloroethane	2.936	64	42347	23.595	ug/L	93
9) Trichlorofluoromethane	3.271	101	60998	21.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	66786	22.952	ug/L	96
12) 1,1-Dichloroethene	4.051	96	63795	23.568	ug/L	91
13) Acetone	4.125	43	27221	62.075	ug/L	93
14) Carbon disulfide	4.393	76	152733	19.059	ug/L	99
15) Methyl Acetate	4.673	43	22143	30.332	ug/L	97
16) Methylene chloride	4.923	84	66534	21.481	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	69139	23.773	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	98981	28.709	ug/L	99
19) 1,1-Dichloroethane	6.216	63	121270	25.668	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79989	26.046	ug/L	98
22) 2-Butanone	7.173	43	34629	68.410	ug/L	99
23) Bromochloromethane	7.514	128	37420	27.431	ug/L	88
25) Chloroform	7.673	83	136886	26.951	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022824\
Data File : VW028073.D
Acq On : 28 Feb 2024 11:14
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Quant Time: Feb 28 23:25:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 28 00:18:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82634	29.216	ug/L	98
29) Cyclohexane	7.959	56	88947	21.506	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	114614	25.587	ug/L	99
31) Carbon tetrachloride	8.069	117	108168	26.102	ug/L	99
33) Benzene	8.325	78	281347	24.276	ug/L	100
34) Trichloroethene	9.087	95	79337	23.846	ug/L	92
35) Methylcyclohexane	9.331	83	123223	22.507	ug/L	99
37) 1,2-Dichloropropane	9.361	63	68479	25.144	ug/L	99
38) Bromodichloromethane	9.642	83	100578	27.667	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	116239	26.629	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	66951	65.132	ug/L	99
42) Toluene	10.386	91	326101	25.095	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	96866	27.958	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	59237	27.480	ug/L	96
46) Tetrachloroethene	10.861	164	63569	22.707	ug/L	86
48) 2-Hexanone	10.965	43	52003	66.792	ug/L	99
49) Dibromochloromethane	11.129	129	70789	28.804	ug/L	97
50) 1,2-Dibromoethane	11.233	107	56243	27.952	ug/L	92
51) Chlorobenzene	11.654	112	219229	25.366	ug/L	97
52) Ethylbenzene	11.727	91	369881	25.246	ug/L	98
53) m,p-Xylene	11.831	106	144890	25.217	ug/L	98
54) o-Xylene	12.160	106	136908	25.406	ug/L	98
55) Styrene	12.178	104	239117	26.640	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	70426	30.509	ug/L	95
59) Bromoform	12.349	173	43782	29.796	ug/L	99
60) Isopropylbenzene	12.458	105	390766	25.139	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	49722	29.927	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	319523	25.687	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	322516	26.496	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	180613	25.294	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	187816	25.869	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	169217	26.830	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10877	32.974	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	127648	24.895	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	111107	26.833	ug/L	97
71) Naphthalene	15.354	128	196904	30.602	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98375	28.476	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022824\
Data File : VW028073.D
Acq On : 28 Feb 2024 11:14
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025500

Quant Time: Feb 28 23:25:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Feb 28 00:18:10 2024
Response via : Initial Calibration