Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
Data File : VW019003.D
Acq On : 14 May 2021 17:03
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025116

Quant Time: May 14 23:35:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 14 12:03:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	604426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	544139	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	275847	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	149590	24.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.28%			
7) Chloroethane-d5	2.891	69	126524	21.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.32%			
11) 1,1-Dichloroethene-d2	4.031	63	310689	22.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.52%			
21) 2-Butanone-d5	7.080	46	74550	46.02	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.04%			
24) Chloroform-d	7.653	84	340166	21.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.96%			
26) 1,2-Dichloroethane-d4	8.305	65	174228	21.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.72%			
32) Benzene-d6	8.275	84	665082	21.90	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.60%			
36) 1,2-Dichloropropane-d6	9.274	67	197408	22.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.68%			
41) Toluene-d8	10.323	98	633519	22.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloroprop...	10.579	79	85826	22.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.68%			
47) 2-Hexanone-d5	10.926	63	63307	48.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 96.18%			
56) 1,1,2,2-Tetrachloroeth...	12.694	84	156753	22.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.92%			
66) 1,2-Dichlorobenzene-d4	13.853	152	218802	22.96	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	148209	24.00	ug/L	96
3) Chloromethane	2.215	50	144281	23.33	ug/L	98
5) Vinyl chloride	2.367	62	208231	26.28	ug/L	97
6) Bromomethane	2.782	94	146335	22.26	ug/L	99
8) Chloroethane	2.928	64	129751	23.38	ug/L	98
9) Trichlorofluoromethane	3.263	101	126446	21.81	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	184672	23.13	ug/L	96
12) 1,1-Dichloroethene	4.050	96	184585	23.70	ug/L	95
13) Acetone	4.129	43	60456	44.04	ug/L	91
14) Carbon disulfide	4.391	76	528082	24.22	ug/L	99
15) Methyl Acetate	4.672	43	62692	22.08	ug/L	94
16) Methylene chloride	4.921	84	233561	23.03	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	195683	22.88	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	231508	22.56	ug/L	98
19) 1,1-Dichloroethane	6.220	63	339866	22.86	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	203442	22.73	ug/L	98
22) 2-Butanone	7.171	43	83358	44.07	ug/L	97
23) Bromochloromethane	7.512	128	83889	21.76	ug/L	96
25) Chloroform	7.677	83	346556	22.70	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
Data File : VW019003.D
Acq On : 14 May 2021 17:03
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025116

Quant Time: May 14 23:35:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 14 12:03:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	214056	22.38	ug/L	98
29) Cyclohexane	7.957	56	310798	23.92	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	274463	23.15	ug/L	99
31) Carbon tetrachloride	8.073	117	254924	23.62	ug/L	99
33) Benzene	8.323	78	772631	23.21	ug/L	100
34) Trichloroethene	9.091	95	200622	22.71	ug/L	95
35) Methylcyclohexane	9.335	83	357208	23.27	ug/L	99
37) 1,2-Dichloropropane	9.372	63	183609	22.89	ug/L	98
38) Bromodichloromethane	9.646	83	239532	22.93	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	285421	23.71	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	189163	45.49	ug/L	96
42) Toluene	10.390	91	845141	23.07	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	244289	23.30	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	133405	22.73	ug/L	95
46) Tetrachloroethene	10.859	164	164576	23.43	ug/L	94
48) 2-Hexanone	10.969	43	129755	47.97	ug/L	95
49) Dibromochloromethane	11.128	129	154742	23.43	ug/L	95
50) 1,2-Dibromoethane	11.231	107	123878	22.60	ug/L	99
51) Chlorobenzene	11.658	112	515673	22.77	ug/L	98
52) Ethylbenzene	11.731	91	941425	23.14	ug/L	97
53) m,p-Xylene	11.841	106	351773	23.04	ug/L	99
54) o-Xylene	12.164	106	331665	23.11	ug/L	98
55) Styrene	12.182	104	569364	23.33	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	156478	23.17	ug/L	99
59) Bromoform	12.347	173	81266	22.75	ug/L	99
60) Isopropylbenzene	12.463	105	930439	23.15	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	114496	22.97	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	773824	23.81	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	780914	23.79	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	394967	22.66	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	387223	22.26	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	360195	23.45	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24795	23.27	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	290422	22.80	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	236215	23.27	ug/L	96
71) Naphthalene	15.365	128	444292	24.18	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	207643	23.25	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
Data File : VW019003.D
Acq On : 14 May 2021 17:03
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025116

Quant Time: May 14 23:35:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 14 12:03:14 2021
Response via : Initial Calibration