Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090319\
Data File : VV012545.D
Acq On : 03 Sep 2019 09:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00539

Quant Time: Sep 04 02:08:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150519	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74889	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	70803	4.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.80%			
7) Chloroethane-d5	1.58	69	66647	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.13	63	177436	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.40%			
20) 2-Butanone-d5	3.96	46	131480	47.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.40%			
24) Chloroform-d	4.40	84	109696	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.08	65	56334	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.10	84	196465	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.12	67	61805	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.36	98	187694	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
43) trans-1,3-Dichloropropene-	7.66	79	21655	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.14	63	85145	46.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45764	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	59901	4.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	98919	5.132	ug/L	98
3) Chloromethane	1.25	50	120819	5.293	ug/L	97
5) Vinyl chloride	1.32	62	128415	5.186	ug/L	99
6) Bromomethane	1.54	94	71591	4.862	ug/L	95
8) Chloroethane	1.60	64	82640	4.867	ug/L	99
9) Trichlorofluoromethane	1.77	101	191128	5.034	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	111571	5.266	ug/L	98
12) 1,1-Dichloroethene	2.14	96	102080	5.243	ug/L	96
13) Acetone	2.23	43	200047	50.607	ug/L	96
14) Carbon disulfide	2.32	76	318150	5.082	ug/L	100
15) Methyl Acetate	2.47	43	50949	5.318	ug/L	100
16) Methylene chloride	2.53	84	111444	4.974	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	165820	5.014	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	77910	5.005	ug/L	95
19) 1,1-Dichloroethane	3.23	63	151559	5.058	ug/L	98
21) 2-Butanone	4.05	43	196247	51.887	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	76947	4.783	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090319\
Data File : VV012545.D
Acq On : 03 Sep 2019 09:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00539

Quant Time: Sep 04 02:08:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	31958	4.974	ug/L	96
25) Chloroform	4.42	83	156710	4.991	ug/L	99
27) 1,2-Dichloroethane	5.18	62	95363	5.216	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	124862	5.017	ug/L	99
30) Cyclohexane	4.72	56	124557	4.852	ug/L	100
31) Carbon tetrachloride	4.87	117	108815	5.030	ug/L	100
33) Benzene	5.14	78	326739	5.299	ug/L	100
34) Trichloroethene	5.96	95	82670	4.839	ug/L	98
35) Methylcyclohexane	6.17	83	129771	4.998	ug/L	99
37) 1,2-Dichloropropane	6.22	63	82664	5.010	ug/L	99
38) Bromodichloromethane	6.55	83	106233	5.093	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	107385	5.005	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	509360	53.139	ug/L	99
42) Toluene	7.43	91	351429	5.244	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	84841	4.990	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	54712	5.245	ug/L	95
47) Tetrachloroethene	8.02	164	60940	4.937	ug/L	98
48) 2-Hexanone	8.19	43	359767	53.556	ug/L	99
49) Dibromochloromethane	8.29	129	61741	5.084	ug/L	99
50) 1,2-Dibromoethane	8.40	107	47249	5.076	ug/L	99
51) Chlorobenzene	8.92	112	206098	4.895	ug/L	99
52) Ethylbenzene	9.05	91	379176	5.186	ug/L	98
53) m,p-xylene	9.18	106	138180	5.211	ug/L	99
54) o-xylene	9.59	106	130336	5.209	ug/L	100
55) Styrene	9.60	104	230179	5.407	ug/L	100
56) Isopropylbenzene	9.97	105	360585	5.207	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	60149	5.124	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	47273	5.141	ug/L	95
61) Bromoform	9.77	173	29631	4.869	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	161958	5.009	ug/L	96
63) 1,4-Dichlorobenzene	11.31	146	161345	4.848	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	147009	4.961	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9621	4.817	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	113161	4.736	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	83313	4.840	ug/L	98
69) Naphthalene	13.55	128	115143	4.512	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	78008	5.007	ug/L	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090319\
Data File : VV012545.D
Acq On : 03 Sep 2019 09:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

Quant Time: Sep 04 02:08:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration