Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV043019\
Data File : VV010549.D
Acq On : 29 Apr 2019 16:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Apr 30 06:42:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	234162	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	226913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119136	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	47542	4.17	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.40%			
7) Chloroethane-d5	1.57	69	30375	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.60%			
11) 1,1-Dichloroethene-d2	2.13	63	91861	4.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.80%			
20) 2-Butanone-d5	3.94	46	121724	41.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.88%			
24) Chloroform-d	4.40	84	139491	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.08	65	64509	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.10	84	258562	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.12	67	72179	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.36	98	261997	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	7.66	79	28168	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.13	63	102790	39.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.80%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54583	4.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	105802	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	102155	5.435	ug/L	96
3) Chloromethane	1.25	50	56788	4.557	ug/L	99
5) Vinyl chloride	1.32	62	67748	5.196	ug/L	95
6) Bromomethane	1.52	94	27685	4.904	ug/L	99
8) Chloroethane	1.59	64	31789	6.054	ug/L	97
9) Trichlorofluoromethane	1.76	101	135621	5.308	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	64173	5.063	ug/L	98
12) 1,1-Dichloroethene	2.14	96	53383	4.721	ug/L	91
13) Acetone	2.20	43	59782	40.852	ug/L	95
14) Carbon disulfide	2.31	76	137736	4.826	ug/L	99
15) Methyl Acetate	2.46	43	22754	4.686	ug/L	100
16) Methylene chloride	2.53	84	82995	4.853	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	165784	5.064	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	85221	5.276	ug/L	99
19) 1,1-Dichloroethane	3.23	63	138197	5.189	ug/L	98
21) 2-Butanone	4.02	43	140004	46.288	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	89210	5.116	ug/L	92

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV043019\
Data File : VV010549.D
Acq On : 29 Apr 2019 16:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00551

Quant Time: Apr 30 06:42:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.29	128	42272	5.186 ug/L	98
25) Chloroform	4.42	83	156367	5.176 ug/L	93
27) 1,2-Dichloroethane	5.18	62	88024	5.117 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	146980	5.531 ug/L	98
30) Cyclohexane	4.72	56	107879	5.601 ug/L	99
31) Carbon tetrachloride	4.87	117	142875	5.622 ug/L	98
33) Benzene	5.14	78	314559	5.358 ug/L	100
34) Trichloroethene	5.96	95	92745	5.428 ug/L	99
35) Methylcyclohexane	6.17	83	125216	5.647 ug/L	99
37) 1,2-Dichloropropane	6.22	63	70588	5.216 ug/L #	97
38) Bromodichloromethane	6.55	83	104951	5.401 ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	106027	5.426 ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	336977	46.946 ug/L	98
42) Toluene	7.43	91	360535	5.595 ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	80060	5.211 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	56664	4.938 ug/L	91
47) Tetrachloroethene	8.02	164	89861	5.629 ug/L	99
48) 2-Hexanone	8.18	43	256935	51.303 ug/L	97
49) Dibromochloromethane	8.29	129	74993	5.315 ug/L	96
50) 1,2-Dibromoethane	8.40	107	54748	5.166 ug/L	96
51) Chlorobenzene	8.92	112	244221	5.399 ug/L	99
52) Ethylbenzene	9.05	91	383051	5.641 ug/L	99
53) m,p-xylene	9.18	106	154255	5.784 ug/L	92
54) o-xylene	9.59	106	149369	5.728 ug/L	98
55) Styrene	9.60	104	249818	5.792 ug/L	97
56) Isopropylbenzene	9.97	105	397233	5.811 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	57761	4.615 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	42675	4.924 ug/L	99
61) Bromoform	9.77	173	41572	5.369 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	201169	5.474 ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	201725	5.353 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	188880	5.219 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	9918	4.961 ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	172141	5.586 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	128589	5.468 ug/L	99
69) Naphthalene	13.55	128	171384	4.900 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	122610	5.241 ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV043019\
Data File : VV010549.D
Acq On : 29 Apr 2019 16:07
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00551

Quant Time: Apr 30 06:42:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 29 01:58:06 2019
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