Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071819\
Data File : VV011931.D
Acq On : 18 Jul 2019 11:15
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

Quant Time: Jul 19 01:06:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	188863	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	178988	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86105	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	60637	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.58	69	47484	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.60%			
11) 1,1-Dichloroethene-d2	2.13	63	102471	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	3.95	46	176993	50.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.04%			
24) Chloroform-d	4.40	84	132750	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.08	65	69334	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.09	84	253577	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.12	67	77958	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.36	98	231034	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	7.66	79	28706	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.13	63	126720	53.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51843	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	82430	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	96312	4.980	ug/L	97
3) Chloromethane	1.25	50	89917	4.797	ug/L	100
5) Vinyl chloride	1.32	62	88476	4.907	ug/L	99
6) Bromomethane	1.54	94	41832	3.999	ug/L	100
8) Chloroethane	1.60	64	46851	4.569	ug/L	99
9) Trichlorofluoromethane	1.77	101	111432	4.915	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	55824	5.097	ug/L	98
12) 1,1-Dichloroethene	2.14	96	50952	5.061	ug/L	97
13) Acetone	2.21	43	88411	49.726	ug/L	98
14) Carbon disulfide	2.32	76	138545	4.855	ug/L	98
15) Methyl Acetate	2.47	43	20651	5.463	ug/L	100
16) Methylene chloride	2.53	84	55167	5.228	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	152954	5.023	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	69120	4.884	ug/L	98
19) 1,1-Dichloroethane	3.23	63	132751	4.975	ug/L	99
21) 2-Butanone	4.04	43	175886	50.455	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	77627	5.328	ug/L	99

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Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00541

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	30009	5.034 ug/L	97
25) Chloroform	4.42	83	135702	4.715 ug/L	95
27) 1,2-Dichloroethane	5.18	62	84037	4.957 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	112957	5.135 ug/L	98
30) Cyclohexane	4.72	56	120258	5.134 ug/L	99
31) Carbon tetrachloride	4.87	117	97678	5.085 ug/L	99
33) Benzene	5.14	78	287611	5.135 ug/L	100
34) Trichloroethene	5.95	95	78396	5.037 ug/L	99
35) Methylcyclohexane	6.17	83	121118	5.130 ug/L	99
37) 1,2-Dichloropropane	6.22	63	71789	5.252 ug/L	100
38) Bromodichloromethane	6.55	83	85032	5.078 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	99750	5.330 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	441911	53.793 ug/L	100
42) Toluene	7.43	91	311641	5.303 ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	76518	5.144 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	46858	5.070 ug/L	97
47) Tetrachloroethene	8.02	164	59311	5.177 ug/L	98
48) 2-Hexanone	8.18	43	316086	53.751 ug/L	100
49) Dibromochloromethane	8.29	129	51391	5.128 ug/L	98
50) 1,2-Dibromoethane	8.40	107	42852	5.038 ug/L	98
51) Chlorobenzene	8.92	112	189785	5.116 ug/L	98
52) Ethylbenzene	9.05	91	336941	5.216 ug/L	100
53) m,p-xylene	9.18	106	125128	5.201 ug/L	94
54) o-xylene	9.59	106	119534	5.333 ug/L	97
55) Styrene	9.60	104	202475	5.317 ug/L	98
56) Isopropylbenzene	9.97	105	327722	5.324 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	47724	5.414 ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	41175	5.078 ug/L	99
61) Bromoform	9.77	173	24611	5.108 ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	142192	5.130 ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	144068	5.051 ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	135369	5.214 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	7921	5.373 ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	111810	5.140 ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	89358	5.205 ug/L	99
69) Naphthalene	13.55	128	137250	5.205 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	81927	5.293 ug/L	98

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

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