Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070419\
Data File : VU033179.D
Acq On : 03 Jul 2019 18:30
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Jul 04 01:25:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 04 01:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	79989	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	83616	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44132	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	21655	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.68	69	20359	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.27	63	54337	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.60%			
20) 2-Butanone-d5	4.19	46	93282	55.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.68%			
24) Chloroform-d	4.64	84	53932	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.30	65	30934	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.33	84	94685	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.32	67	32270	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.56	98	91342	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	7.85	79	12874	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.31	63	58811	49.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.38%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29589	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	37715	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43598	5.320	ug/L	99
3) Chloromethane	1.33	50	42024	5.322	ug/L	97
5) Vinyl chloride	1.40	62	42907	5.528	ug/L	100
6) Bromomethane	1.62	94	23173	5.207	ug/L	99
8) Chloroethane	1.69	64	25609	5.432	ug/L	100
9) Trichlorofluoromethane	1.88	101	61899	5.582	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	31422	5.451	ug/L	98
12) 1,1-Dichloroethene	2.28	96	29104	5.576	ug/L	92
13) Acetone	2.32	43	76323	56.323	ug/L	96
14) Carbon disulfide	2.47	76	91772	5.333	ug/L	100
15) Methyl Acetate	2.61	43	18250	5.681	ug/L	96
16) Methylene chloride	2.69	84	33428	5.448	ug/L	93
17) Methyl tert-butyl Ether	3.00	73	83704	5.534	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	31464	5.463	ug/L	99
19) 1,1-Dichloroethane	3.43	63	64195	5.553	ug/L	99
21) 2-Butanone	4.27	43	107066	54.623	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	33499	5.261	ug/L	95

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 04 01:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	16464	5.554 ug/L	95
25) Chloroform	4.67	83	66718	5.218 ug/L	97
27) 1,2-Dichloroethane	5.40	62	44066	5.322 ug/L	97
29) 1,1,1-Trichloroethane	4.90	97	55170	5.122 ug/L	98
30) Cyclohexane	4.98	56	47596	4.840 ug/L	98
31) Carbon tetrachloride	5.12	117	50742	5.263 ug/L	96
33) Benzene	5.38	78	129020	5.237 ug/L	100
34) Trichloroethene	6.18	95	35169	5.232 ug/L	97
35) Methylcyclohexane	6.41	83	50003	5.001 ug/L	99
37) 1,2-Dichloropropane	6.43	63	36056	5.319 ug/L	100
38) Bromodichloromethane	6.75	83	46917	5.304 ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	48994	5.124 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	255252	54.239 ug/L	100
42) Toluene	7.63	91	140039	5.278 ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	41773	5.246 ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	25697	5.406 ug/L	99
47) Tetrachloroethene	8.22	164	29175	5.225 ug/L	96
48) 2-Hexanone	8.36	43	186767	54.710 ug/L	100
49) Dibromochloromethane	8.47	129	31746	5.339 ug/L	91
50) 1,2-Dibromoethane	8.58	107	25588	5.627 ug/L	96
51) Chlorobenzene	9.11	112	90844	5.196 ug/L	99
52) Ethylbenzene	9.24	91	147106	5.062 ug/L	98
53) m,p-Xylene	9.37	106	54671	5.151 ug/L	97
54) o-Xylene	9.77	106	53242	5.142 ug/L	97
55) Styrene	9.79	104	92549	5.297 ug/L	98
56) Isopropylbenzene	10.16	105	144257	5.178 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	32600	5.402 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	24240	5.256 ug/L	100
61) Bromoform	9.95	173	18553	5.561 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	70810	5.111 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	72850	5.062 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	71297	5.259 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5034	5.406 ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	52904	4.880 ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	34266	4.442 ug/L	97
69) Naphthalene	13.74	128	49679	4.395 ug/L	97
70) 1,2,3-Trichlorobenzene	13.98	180	38330	5.226 ug/L	91

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

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