Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101119\
Data File : VU035075.D
Acq On : 11 Oct 2019 02:42
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Oct 11 04:48:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	170408	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	177987	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	86580	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	46843	4.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.00%			
7) Chloroethane-d5	1.67	69	43331	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.26	63	99976	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%			
20) 2-Butanone-d5	4.17	46	145913	49.19	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.38%			
24) Chloroform-d	4.62	84	88141	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.29	65	51362	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.00%			
32) Benzene-d6	5.32	84	177826	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.20%			
36) 1,2-Dichloropropane-d6	6.31	67	62288	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	7.54	98	173416	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
43) trans-1,3-Dichloropropene-	7.83	79	19431	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.30	63	106087	44.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.84%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53407	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.80%			
64) 1,2-Dichlorobenzene-d4	11.84	152	65522	4.49	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	73872	4.744	ug/L	98
3) Chloromethane	1.32	50	79593	4.659	ug/L	99
5) Vinyl chloride	1.40	62	80357	4.789	ug/L	100
6) Bromomethane	1.62	94	39374	4.221	ug/L	95
8) Chloroethane	1.69	64	48764	4.845	ug/L	97
9) Trichlorofluoromethane	1.88	101	101265	4.990	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	55644	4.775	ug/L	98
12) 1,1-Dichloroethene	2.27	96	52681	4.813	ug/L	86
13) Acetone	2.31	43	114439	47.103	ug/L	95
14) Carbon disulfide	2.47	76	162894	4.472	ug/L	99
15) Methyl Acetate	2.60	43	31052	4.801	ug/L	98
16) Methylene chloride	2.68	84	63207	4.665	ug/L	84
17) Methyl tert-butyl Ether	2.99	73	147827	4.950	ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	54884	4.683	ug/L	93
19) 1,1-Dichloroethane	3.42	63	117804	5.057	ug/L	98
21) 2-Butanone	4.25	43	166387	48.090	ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	61414	4.698	ug/L	92

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.53	128	27881	5.088 ug/L	92
25) Chloroform	4.65	83	124634	4.762 ug/L	99
27) 1,2-Dichloroethane	5.39	62	74440	4.870 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	95251	4.765 ug/L	97
30) Cyclohexane	4.97	56	94780	4.312 ug/L	96
31) Carbon tetrachloride	5.11	117	81345	4.693 ug/L	99
33) Benzene	5.37	78	247030	4.608 ug/L	100
34) Trichloroethene	6.16	95	62271	4.504 ug/L	98
35) Methylcyclohexane	6.39	83	93086	4.157 ug/L	97
37) 1,2-Dichloropropane	6.41	63	68721	4.752 ug/L	100
38) Bromodichloromethane	6.74	83	78899	4.654 ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	84176	4.296 ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	428760	47.105 ug/L	95
42) Toluene	7.62	91	267062	4.772 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	65244	4.299 ug/L	96
45) 1,1,2-Trichloroethane	8.05	97	46903	4.885 ug/L	95
47) Tetrachloroethene	8.21	164	49037	4.381 ug/L	95
48) 2-Hexanone	8.35	43	296745	47.549 ug/L	94
49) Dibromochloromethane	8.46	129	53553	4.825 ug/L	97
50) 1,2-Dibromoethane	8.57	107	43567	4.747 ug/L	99
51) Chlorobenzene	9.10	112	169388	4.671 ug/L	99
52) Ethylbenzene	9.23	91	287032	4.644 ug/L	100
53) m,p-Xylene	9.36	106	106153	4.649 ug/L	98
54) o-Xylene	9.76	106	104849	4.695 ug/L	97
55) Styrene	9.77	104	173354	4.794 ug/L	100
56) Isopropylbenzene	10.15	105	276485	4.648 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	63604	4.871 ug/L	97
59) 1,2,3-Trichloropropane	10.48	75	44751	4.780 ug/L	99
61) Bromoform	9.94	173	27864	4.692 ug/L	96
62) 1,3-Dichlorobenzene	11.40	146	127262	4.771 ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	126715	4.707 ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	123435	4.796 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	7883	4.820 ug/L	93
67) 1,3,5-Trichlorobenzene	12.86	180	79247	4.388 ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	50662	3.756 ug/L	99
69) Naphthalene	13.73	128	69718	3.324 ug/L	97
70) 1,2,3-Trichlorobenzene	13.97	180	52565	4.008 ug/L	98

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

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