Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\
Data File : VU032745.D
Acq On : 15 Jun 2019 01:03
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Jun 15 03:30:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 23:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	109461	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	102998	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	55045	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	28335	3.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.60%			
7) Chloroethane-d5	1.67	69	24570	4.04	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.80%			
11) 1,1-Dichloroethene-d2	2.27	63	63441	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.80%			
20) 2-Butanone-d5	4.18	46	97106	48.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.78%			
24) Chloroform-d	4.64	84	63750	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.30	65	34481	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.33	84	116542	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.32	67	38939	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.56	98	109778	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	7.84	79	15712	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.31	63	79088	46.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.60%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34588	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	45354	4.58	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	48158	5.128	ug/L	98
3) Chloromethane	1.33	50	45768	4.699	ug/L	98
5) Vinyl chloride	1.40	62	45641	4.767	ug/L	97
6) Bromomethane	1.61	94	26127	4.474	ug/L	100
8) Chloroethane	1.69	64	26341	4.306	ug/L	99
9) Trichlorofluoromethane	1.88	101	65500	4.780	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	34211	4.696	ug/L	99
12) 1,1-Dichloroethene	2.28	96	30956	4.451	ug/L	93
13) Acetone	2.32	43	73637	47.768	ug/L	95
14) Carbon disulfide	2.47	76	97615	4.383	ug/L	100
15) Methyl Acetate	2.61	43	18772	4.438	ug/L	97
16) Methylene chloride	2.69	84	36143	4.686	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	91937	4.520	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	34152	4.551	ug/L	93
19) 1,1-Dichloroethane	3.43	63	68499	5.100	ug/L	98
21) 2-Butanone	4.27	43	113827	50.769	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	39230	4.620	ug/L	90

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

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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	4.54	128	18043	4.936	ug/L	96
25) Chloroform	4.66	83	70086	5.108	ug/L	97
27) 1,2-Dichloroethane	5.40	62	47434	5.260	ug/L	98
29) 1,1,1-Trichloroethane	4.90	97	61989	4.939	ug/L	98
30) Cyclohexane	4.98	56	59308	4.471	ug/L	97
31) Carbon tetrachloride	5.12	117	55854	4.895	ug/L	99
33) Benzene	5.38	78	146966	4.840	ug/L	100
34) Trichloroethene	6.18	95	39240	4.492	ug/L	99
35) Methylcyclohexane	6.41	83	60689	4.320	ug/L	98
37) 1,2-Dichloropropane	6.43	63	39653	5.047	ug/L	98
38) Bromodichloromethane	6.75	83	50339	4.985	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	56985	4.724	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	279927	50.064	ug/L	98
42) Toluene	7.63	91	158398	4.680	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	45355	4.709	ug/L	95
45) 1,1,2-Trichloroethane	8.06	97	28175	4.929	ug/L	95
47) Tetrachloroethene	8.22	164	33148	4.822	ug/L	94
48) 2-Hexanone	8.36	43	196116	49.082	ug/L	99
49) Dibromochloromethane	8.47	129	34975	4.783	ug/L	97
50) 1,2-Dibromoethane	8.58	107	27716	4.865	ug/L	97
51) Chlorobenzene	9.11	112	102434	4.827	ug/L	99
52) Ethylbenzene	9.24	91	174227	4.671	ug/L	99
53) m,p-Xylene	9.37	106	64739	4.578	ug/L	99
54) o-Xylene	9.77	106	64564	4.575	ug/L	100
55) Styrene	9.79	104	110478	4.758	ug/L	98
56) Isopropylbenzene	10.16	105	169594	4.556	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	37422	5.119	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	26883	5.210	ug/L	98
61) Bromoform	9.95	173	20369	4.606	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	83187	4.629	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	83076	4.548	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	82346	4.743	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	6415	5.262	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	67234	4.669	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	56026	4.825	ug/L	99
69) Naphthalene	13.74	128	101095	4.966	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	54205	4.688	ug/L	97

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

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