Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060519\
Data File : VU032455.D
Acq On : 05 Jun 2019 12:16
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Jun 06 01:09:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 01:05:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	101567	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	95799	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50763	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	29718	4.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.00%			
7) Chloroethane-d5	1.68	69	25129	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.27	63	61550	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.80%			
20) 2-Butanone-d5	4.20	46	93108	50.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.04%			
24) Chloroform-d	4.64	84	56228	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
26) 1,2-Dichloroethane-d4	5.31	65	29953	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.33	84	112474	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.32	67	34861	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.56	98	102473	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloropropene-	7.85	79	14629	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.31	63	73104	46.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.02%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29192	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	42863	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42026	4.822	ug/L	100
3) Chloromethane	1.33	50	43136	4.772	ug/L	98
5) Vinyl chloride	1.40	62	43508	4.897	ug/L	98
6) Bromomethane	1.63	94	25259	4.661	ug/L	96
8) Chloroethane	1.69	64	26922	4.743	ug/L	99
9) Trichlorofluoromethane	1.88	101	62894	4.947	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	32613	4.825	ug/L	99
12) 1,1-Dichloroethene	2.28	96	30013	4.651	ug/L	96
13) Acetone	2.34	43	67142	46.940	ug/L	99
14) Carbon disulfide	2.47	76	95843	4.638	ug/L	100
15) Methyl Acetate	2.62	43	17129	4.364	ug/L	99
16) Methylene chloride	2.69	84	33586	4.693	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	88081	4.667	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	32959	4.734	ug/L	95
19) 1,1-Dichloroethane	3.43	63	59476	4.772	ug/L	98
21) 2-Butanone	4.29	43	100957	48.528	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	37630	4.776	ug/L	94

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 01:05:42 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	17301	5.101	ug/L		96
25) Chloroform	4.67	83	62410	4.902	ug/L		94
27) 1,2-Dichloroethane	5.40	62	39738	4.749	ug/L		99
29) 1,1,1-Trichloroethane	4.90	97	55197	4.728	ug/L		99
30) Cyclohexane	4.98	56	56854	4.608	ug/L		98
31) Carbon tetrachloride	5.12	117	50851	4.791	ug/L		99
33) Benzene	5.38	78	135644	4.802	ug/L		100
34) Trichloroethene	6.18	95	38032	4.681	ug/L		98
35) Methylcyclohexane	6.40	83	62239	4.763	ug/L		98
37) 1,2-Dichloropropane	6.43	63	34499	4.721	ug/L		99
38) Bromodichloromethane	6.75	83	43984	4.683	ug/L		99
39) cis-1,3-Dichloropropene	7.27	75	54221	4.833	ug/L		100
40) 4-Methyl-2-pentanone	7.46	43	244174	46.951	ug/L		99
42) Toluene	7.63	91	148781	4.726	ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	41957	4.684	ug/L		100
45) 1,1,2-Trichloroethane	8.06	97	24506	4.609	ug/L		95
47) Tetrachloroethene	8.22	164	31864	4.984	ug/L		96
48) 2-Hexanone	8.36	43	174461	46.943	ug/L		98
49) Dibromochloromethane	8.47	129	31902	4.691	ug/L		99
50) 1,2-Dibromoethane	8.58	107	25774	4.864	ug/L	#	96
51) Chlorobenzene	9.12	112	97109	4.920	ug/L		98
52) Ethylbenzene	9.24	91	166610	4.803	ug/L		99
53) m,p-Xylene	9.37	106	64378	4.895	ug/L		99
54) o-Xylene	9.77	106	63507	4.838	ug/L		97
55) Styrene	9.79	104	104164	4.824	ug/L		99
56) Isopropylbenzene	10.16	105	166152	4.799	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.45	83	31266	4.598	ug/L		96
59) 1,2,3-Trichloropropane	10.49	75	23102	4.814	ug/L		100
61) Bromoform	9.95	173	18352	4.500	ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	79686	4.809	ug/L		98
63) 1,4-Dichlorobenzene	11.50	146	80008	4.749	ug/L		98
65) 1,2-Dichlorobenzene	11.87	146	75649	4.724	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.65	75	4981	4.430	ug/L		96
67) 1,3,5-Trichlorobenzene	12.88	180	65213	4.910	ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	54006	5.043	ug/L		99
69) Naphthalene	13.74	128	92109	4.907	ug/L		99
70) 1,2,3-Trichlorobenzene	13.98	180	50448	4.731	ug/L		96

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

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