Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039757.D
Acq On : 06 Aug 2020 15:38
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Aug 07 03:25:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 03:23:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	84145	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40443	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	24611	5.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.40%			
7) Chloroethane-d5	1.92	69	23442	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.58	63	46737	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.20%			
20) 2-Butanone-d5	4.66	46	91690	45.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.76%			
24) Chloroform-d	5.08	84	56114	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.72	65	31365	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.75	84	97352	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
36) 1,2-Dichloropropane-d6	6.70	67	32705	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	7.91	98	81318	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
43) trans-1,3-Dichloropropene-	8.19	79	10906	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.64	63	65477	49.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.34%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29821	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	34521	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	28381	4.183	ug/L	100
3) Chloromethane	1.53	50	33516	4.697	ug/L	97
5) Vinyl chloride	1.61	62	33187	4.851	ug/L	99
6) Bromomethane	1.86	94	18683	4.315	ug/L	99
8) Chloroethane	1.94	64	21945	4.374	ug/L	96
9) Trichlorofluoromethane	2.15	101	48766	4.583	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	25522	4.421	ug/L	94
12) 1,1-Dichloroethene	2.59	96	23436	4.669	ug/L	97
13) Acetone	2.66	43	47175	40.041	ug/L	98
14) Carbon disulfide	2.81	76	73203	4.664	ug/L	100
15) Methyl Acetate	2.97	43	11829	4.071	ug/L	96
16) Methylene chloride	3.06	84	29124	3.599	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	61620	4.623	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	25179	4.506	ug/L	95
19) 1,1-Dichloroethane	3.89	63	49838	4.831	ug/L	96
21) 2-Butanone	4.73	43	77981	42.001	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	28226	4.644	ug/L	92

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	13028	4.564	ug/L	96
25) Chloroform	5.11	83	49388	4.453	ug/L	90
27) 1,2-Dichloroethane	5.81	62	33887	4.434	ug/L	100
29) 1,1,1-Trichloroethane	5.34	97	43606	5.014	ug/L	95
30) Cyclohexane	5.40	56	40355	4.822	ug/L	99
31) Carbon tetrachloride	5.54	117	38533	4.828	ug/L	98
33) Benzene	5.79	78	104677	4.927	ug/L	100
34) Trichloroethene	6.56	95	26702	4.840	ug/L	96
35) Methylcyclohexane	6.77	83	36559	4.151	ug/L	95
37) 1,2-Dichloropropane	6.80	63	28597	5.068	ug/L	99
38) Bromodichloromethane	7.12	83	35195	4.767	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	32875	4.272	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	189464	44.932	ug/L	98
42) Toluene	7.98	91	108209	4.847	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	27748	4.002	ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	20199	4.759	ug/L	91
47) Tetrachloroethene	8.56	164	19507	4.286	ug/L	95
48) 2-Hexanone	8.69	43	140069	46.000	ug/L	98
49) Dibromochloromethane	8.82	129	24757	4.753	ug/L	98
50) 1,2-Dibromoethane	8.93	107	19330	4.644	ug/L	96
51) Chlorobenzene	9.45	112	71409	4.760	ug/L	97
52) Ethylbenzene	9.57	91	114691	4.590	ug/L	99
53) m,p-Xylene	9.70	106	46040	4.838	ug/L	97
54) o-Xylene	10.10	106	43213	4.638	ug/L	93
55) Styrene	10.11	104	76581	4.881	ug/L	100
56) Isopropylbenzene	10.48	105	113283	4.549	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	25249	4.324	ug/L	94
59) 1,2,3-Trichloropropane	10.82	75	18009	4.425	ug/L	94
61) Bromoform	10.29	173	13096	4.793	ug/L	91
62) 1,3-Dichlorobenzene	11.74	146	54678	4.619	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	54762	4.389	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	54718	4.692	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	3974	4.508	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	36597	4.080	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	31776	4.227	ug/L	98
69) Naphthalene	14.08	128	60927	4.533	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	31388	4.654	ug/L	98

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

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