Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091620\
Data File : VU040174.D
Acq On : 17 Sep 2020 02:58
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Sep 17 03:43:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 02:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129084	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60683	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32001	4.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.80%			
7) Chloroethane-d5	1.92	69	29061	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.00%			
11) 1,1-Dichloroethene-d2	2.58	63	84393	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	4.66	46	134344	47.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.32%			
24) Chloroform-d	5.08	84	68839	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
26) 1,2-Dichloroethane-d4	5.72	65	43134	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
32) Benzene-d6	5.75	84	129754	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.70	67	43329	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.91	98	112874	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.60%			
43) trans-1,3-Dichloropropene-	8.19	79	18498	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.64	63	101467	48.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.92%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39016	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	41966	4.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	59095	4.613	ug/L	99
3) Chloromethane	1.53	50	54077	4.409	ug/L	96
5) Vinyl chloride	1.61	62	60330	4.852	ug/L	99
6) Bromomethane	1.87	94	26500	4.170	ug/L	96
8) Chloroethane	1.94	64	35865	4.800	ug/L	100
9) Trichlorofluoromethane	2.15	101	87917	4.936	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	55744	4.828	ug/L	99
12) 1,1-Dichloroethene	2.59	96	52982	5.304	ug/L	93
13) Acetone	2.67	43	129709	49.704	ug/L	99
14) Carbon disulfide	2.81	76	143806	4.490	ug/L	100
15) Methyl Acetate	2.97	43	29689	4.533	ug/L	96
16) Methylene chloride	3.06	84	71312	5.451	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	155280	5.157	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	52910	4.924	ug/L	97
19) 1,1-Dichloroethane	3.89	63	112358	5.080	ug/L	99
21) 2-Butanone	4.74	43	214245	50.287	ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	60607	5.245	ug/L	97

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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	5.00	128	27314	5.395 ug/L	91
25) Chloroform	5.11	83	122392	5.403 ug/L	98
27) 1,2-Dichloroethane	5.81	62	82678	4.982 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	100178	5.103 ug/L	99
30) Cyclohexane	5.41	56	94670	4.973 ug/L	100
31) Carbon tetrachloride	5.54	117	83625	4.977 ug/L	96
33) Benzene	5.79	78	234649	5.246 ug/L	100
34) Trichloroethene	6.56	95	60888	5.075 ug/L	99
35) Methylcyclohexane	6.77	83	86028	4.682 ug/L	97
37) 1,2-Dichloropropane	6.80	63	63293	5.226 ug/L	99
38) Bromodichloromethane	7.11	83	83607	5.057 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	88526	4.956 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	507630	51.081 ug/L	100
42) Toluene	7.98	91	243894	5.294 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	81269	4.910 ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	45085	5.110 ug/L	97
47) Tetrachloroethene	8.56	164	39819	5.052 ug/L	97
48) 2-Hexanone	8.69	43	370775	51.149 ug/L	99
49) Dibromochloromethane	8.82	129	53544	5.056 ug/L	95
50) 1,2-Dibromoethane	8.93	107	44134	5.188 ug/L	99
51) Chlorobenzene	9.45	112	152796	5.342 ug/L	97
52) Ethylbenzene	9.57	91	270576	5.170 ug/L	99
53) m,p-Xylene	9.69	106	97208	5.216 ug/L	94
54) o-Xylene	10.10	106	95115	5.356 ug/L	97
55) Styrene	10.11	104	169842	5.500 ug/L	98
56) Isopropylbenzene	10.48	105	263531	5.442 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	58639	5.183 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	43973	4.900 ug/L	98
61) Bromoform	10.29	173	28396	5.102 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	117861	5.314 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	119421	5.321 ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	112092	5.223 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10215	4.450 ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	77878	4.994 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	69001	5.137 ug/L	99
69) Naphthalene	14.08	128	153128	5.469 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	63761	5.168 ug/L	97

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

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