Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091720\
Data File : VU040176.D
Acq On : 17 Sep 2020 10:32
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Sep 18 03:09:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 17:07:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	146541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137371	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68141	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	35580	4.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.00%			
7) Chloroethane-d5	1.92	69	30375	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.58	63	91794	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.40%			
20) 2-Butanone-d5	4.65	46	148589	46.43	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.86%			
24) Chloroform-d	5.08	84	80098	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.72	65	51547	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.74	84	149703	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.70	67	50195	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.90	98	130555	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	8.18	79	22078	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.64	63	112272	48.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.62%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44199	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	49744	4.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	67925	4.671	ug/L	99
3) Chloromethane	1.53	50	62187	4.466	ug/L	98
5) Vinyl chloride	1.61	62	66646	4.721	ug/L	98
6) Bromomethane	1.87	94	31780	4.405	ug/L	94
8) Chloroethane	1.94	64	39215	4.623	ug/L	96
9) Trichlorofluoromethane	2.15	101	100278	4.959	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	64806	4.944	ug/L	98
12) 1,1-Dichloroethene	2.59	96	57595	5.079	ug/L	94
13) Acetone	2.66	43	145472	49.104	ug/L	96
14) Carbon disulfide	2.81	76	162282	4.463	ug/L	100
15) Methyl Acetate	2.97	43	34177	4.597	ug/L	98
16) Methylene chloride	3.06	84	71910	4.842	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	171496	5.017	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	60045	4.922	ug/L	96
19) 1,1-Dichloroethane	3.89	63	123807	4.930	ug/L	99
21) 2-Butanone	4.73	43	238113	49.231	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	68624	5.231	ug/L	95

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Sep 18 03:09:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 17:07:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	30829	5.364 ug/L	93
25) Chloroform	5.11	83	134337	5.224 ug/L	99
27) 1,2-Dichloroethane	5.81	62	92592	4.915 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	113261	5.251 ug/L	99
30) Cyclohexane	5.40	56	105693	5.053 ug/L	99
31) Carbon tetrachloride	5.54	117	95922	5.197 ug/L	99
33) Benzene	5.79	78	257246	5.235 ug/L	100
34) Trichloroethene	6.55	95	68420	5.190 ug/L	97
35) Methylcyclohexane	6.77	83	103656	5.135 ug/L	97
37) 1,2-Dichloropropane	6.80	63	68719	5.164 ug/L	99
38) Bromodichloromethane	7.11	83	94161	5.184 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	101152	5.154 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	559872	51.279 ug/L	98
42) Toluene	7.97	91	273347	5.401 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	93914	5.164 ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	53431	5.512 ug/L	97
47) Tetrachloroethene	8.56	164	45779	5.287 ug/L	93
48) 2-Hexanone	8.69	43	417365	52.406 ug/L	99
49) Dibromochloromethane	8.81	129	61472	5.283 ug/L	98
50) 1,2-Dibromoethane	8.93	107	49356	5.281 ug/L	95
51) Chlorobenzene	9.45	112	173955	5.536 ug/L	98
52) Ethylbenzene	9.57	91	305082	5.305 ug/L	98
53) m,p-Xylene	9.69	106	110778	5.411 ug/L	100
54) o-Xylene	10.10	106	108952	5.585 ug/L	97
55) Styrene	10.11	104	189870	5.596 ug/L	94
56) Isopropylbenzene	10.48	105	295860	5.561 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	65200	5.245 ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	49826	5.054 ug/L	99
61) Bromoform	10.29	173	31329	5.013 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	130380	5.235 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	136275	5.407 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	127081	5.273 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	11447	4.441 ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	93089	5.316 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	77048	5.108 ug/L	100
69) Naphthalene	14.08	128	151482	4.818 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	69137	4.990 ug/L	98

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

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