Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033020\
Data File : VU037472.D
Acq On : 30 Mar 2020 19:08
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Mar 31 03:58:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 31 01:26:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	102270	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	96513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48595	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	31231	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.80%			
7) Chloroethane-d5	1.93	69	27875	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.59	63	64668	4.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.80%			
20) 2-Butanone-d5	4.67	46	95791	46.55	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.10%			
24) Chloroform-d	5.11	84	63738	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
26) 1,2-Dichloroethane-d4	5.74	65	37751	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
32) Benzene-d6	5.76	84	124405	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.72	67	42915	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.92	98	109522	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%			
43) trans-1,3-Dichloropropene-	8.20	79	19338	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.66	63	88473	51.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.56%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37223	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	42390	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	39205	4.569	ug/L	98
3) Chloromethane	1.54	50	35728	4.697	ug/L	99
5) Vinyl chloride	1.62	62	39867	4.980	ug/L	96
6) Bromomethane	1.87	94	16393	3.634	ug/L	100
8) Chloroethane	1.95	64	22027	4.932	ug/L	95
9) Trichlorofluoromethane	2.16	101	55913	5.217	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	32826	5.026	ug/L	98
12) 1,1-Dichloroethene	2.60	96	33180	4.933	ug/L	97
13) Acetone	2.66	43	53012	44.837	ug/L	97
14) Carbon disulfide	2.82	76	110543	4.804	ug/L	99
15) Methyl Acetate	2.98	43	15920	4.820	ug/L	91
16) Methylene chloride	3.08	84	36121	4.805	ug/L	94
17) Methyl tert-butyl Ether	3.40	73	89481	4.889	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	35416	5.035	ug/L	98
19) 1,1-Dichloroethane	3.91	63	65022	4.946	ug/L	99
21) 2-Butanone	4.75	43	101680	50.588	ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	37899	4.808	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

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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	5.02	128	16183	4.648 ug/L	98
25) Chloroform	5.13	83	70311	5.084 ug/L	98
27) 1,2-Dichloroethane	5.83	62	45055	4.877 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	61763	5.091 ug/L	99
30) Cyclohexane	5.42	56	63020	5.070 ug/L	99
31) Carbon tetrachloride	5.56	117	50468	4.818 ug/L	100
33) Benzene	5.81	78	144630	5.060 ug/L	100
34) Trichloroethene	6.57	95	38518	4.732 ug/L	97
35) Methylcyclohexane	6.79	83	62851	4.879 ug/L	99
37) 1,2-Dichloropropane	6.82	63	38093	5.156 ug/L	100
38) Bromodichloromethane	7.14	83	50632	5.011 ug/L	95
39) cis-1,3-Dichloropropene	7.63	75	59516	4.940 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	254816	51.801 ug/L	98
42) Toluene	8.00	91	155976	5.064 ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	52975	4.918 ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	27617	4.998 ug/L	96
47) Tetrachloroethene	8.58	164	26710	4.763 ug/L	94
48) 2-Hexanone	8.71	43	184819	52.126 ug/L	98
49) Dibromochloromethane	8.83	129	32606	4.781 ug/L	100
50) 1,2-Dibromoethane	8.95	107	26298	4.903 ug/L	100
51) Chlorobenzene	9.47	112	97088	4.563 ug/L	99
52) Ethylbenzene	9.59	91	176972	5.006 ug/L	100
53) m,p-Xylene	9.71	106	66808	5.002 ug/L	98
54) o-Xylene	10.12	106	64228	4.927 ug/L	96
55) Styrene	10.13	104	111457	5.004 ug/L	96
56) Isopropylbenzene	10.50	105	174206	5.016 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	36219	5.135 ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	25495	4.961 ug/L	95
61) Bromoform	10.31	173	18688	4.627 ug/L #	98
62) 1,3-Dichlorobenzene	11.76	146	76572	4.900 ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	77389	4.638 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	72253	4.790 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	6930	5.221 ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	56000	4.621 ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	51603	4.417 ug/L	99
69) Naphthalene	14.11	128	108344	4.777 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	45626	4.343 ug/L	98

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

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