Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051920\
Data File : VU038238.D
Acq On : 19 May 2020 16:35
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: May 20 01:28:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 20 01:25:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	310932	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	300086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149170	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	151059	5.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.20%			
7) Chloroethane-d5	1.93	69	128357	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.59	63	236406	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.40%			
20) 2-Butanone-d5	4.68	46	463732	66.09	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 132.18%#			
24) Chloroform-d	5.10	84	243955	5.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 113.00%			
26) 1,2-Dichloroethane-d4	5.74	65	142492	5.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.20%			
32) Benzene-d6	5.76	84	497059	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
36) 1,2-Dichloropropane-d6	6.72	67	167840	5.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 115.60%			
41) Toluene-d8	7.92	98	445939	5.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.40%			
43) trans-1,3-Dichloropropene-	8.20	79	66346	5.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 114.20%			
46) 2-Hexanone-d5	8.66	63	337540	61.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.96%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	138425	6.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 120.80%#			
64) 1,2-Dichlorobenzene-d4	12.20	152	160437	5.53	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	119072	4.187	ug/L	100
3) Chloromethane	1.53	50	159979	4.668	ug/L	99
5) Vinyl chloride	1.62	62	161312	4.804	ug/L	98
6) Bromomethane	1.87	94	82615	4.321	ug/L	96
8) Chloroethane	1.95	64	97646	4.727	ug/L	98
9) Trichlorofluoromethane	2.16	101	161968	4.717	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	98744	4.639	ug/L	98
12) 1,1-Dichloroethene	2.60	96	101056	4.683	ug/L	96
13) Acetone	2.68	43	264823	60.153	ug/L	99
14) Carbon disulfide	2.82	76	328133	4.263	ug/L	98
15) Methyl Acetate	2.99	43	65768	5.340	ug/L	97
16) Methylene chloride	3.08	84	126781	5.041	ug/L	99
17) Methyl tert-butyl Ether	3.40	73	306414	5.111	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	113812	4.831	ug/L	97
19) 1,1-Dichloroethane	3.91	63	235253	5.113	ug/L	99
21) 2-Butanone	4.76	43	466084	59.980	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	129989	5.120	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	57670	5.279 ug/L	98
25) Chloroform	5.12	83	223721	5.213 ug/L	99
27) 1,2-Dichloroethane	5.83	62	159656	5.270 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	173876	5.057 ug/L	98
30) Cyclohexane	5.42	56	177967	4.384 ug/L	99
31) Carbon tetrachloride	5.56	117	136769	4.949 ug/L	100
33) Benzene	5.81	78	500984	5.213 ug/L	100
34) Trichloroethene	6.57	95	120382	5.009 ug/L	99
35) Methylcyclohexane	6.79	83	168007	4.315 ug/L	98
37) 1,2-Dichloropropane	6.82	63	133276	5.106 ug/L	100
38) Bromodichloromethane	7.13	83	159777	5.295 ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	186250	4.986 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1030266	56.950 ug/L	99
42) Toluene	7.99	91	508419	5.012 ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	166368	5.237 ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	98474	5.433 ug/L	98
47) Tetrachloroethene	8.57	164	80058	4.762 ug/L	99
48) 2-Hexanone	8.71	43	767158	57.905 ug/L	100
49) Dibromochloromethane	8.83	129	103024	5.477 ug/L	99
50) 1,2-Dibromoethane	8.94	107	91661	5.449 ug/L	97
51) Chlorobenzene	9.47	112	324844	5.160 ug/L	98
52) Ethylbenzene	9.59	91	534346	4.863 ug/L	100
53) m,p-Xylene	9.71	106	209201	4.965 ug/L	96
54) o-Xylene	10.11	106	203078	4.985 ug/L	100
55) Styrene	10.13	104	349521	5.111 ug/L	100
56) Isopropylbenzene	10.50	105	508041	4.855 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	126909	5.515 ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	96507	5.509 ug/L	99
61) Bromoform	10.31	173	53947	5.350 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	240654	4.958 ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	244678	4.975 ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	237711	5.091 ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	20400	5.345 ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	171084	4.858 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	161495	5.056 ug/L	99
69) Naphthalene	14.11	128	348451	5.181 ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	152388	5.133 ug/L	100

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

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