Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021820\
Data File : VU036840.D
Acq On : 18 Feb 2020 17:46
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Feb 19 04:57:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 19 04:53:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	112910	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48624	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	34524	3.56	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.20%			
7) Chloroethane-d5	1.93	69	35527	4.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.20%			
11) 1,1-Dichloroethene-d2	2.59	63	64972	4.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.00%			
20) 2-Butanone-d5	4.67	46	116539	57.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.46%			
24) Chloroform-d	5.11	84	74342	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.74	65	41965	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.76	84	149113	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.73	67	50161	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.92	98	133188	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.21	79	18169	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.66	63	97822	54.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.48%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41326	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	45054	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	37268	4.998	ug/L	100
3) Chloromethane	1.54	50	42055	5.419	ug/L	100
5) Vinyl chloride	1.62	62	46028	5.077	ug/L	99
6) Bromomethane	1.87	94	19661	3.609	ug/L	91
8) Chloroethane	1.95	64	30248	4.776	ug/L	98
9) Trichlorofluoromethane	2.16	101	59013	4.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	37589	4.935	ug/L	99
12) 1,1-Dichloroethene	2.60	96	33894	4.935	ug/L	96
13) Acetone	2.66	43	105049	40.344	ug/L	99
14) Carbon disulfide	2.82	76	77991	4.706	ug/L	100
15) Methyl Acetate	2.98	43	17980	5.204	ug/L	100
16) Methylene chloride	3.08	84	43030	3.717	ug/L	96
17) Methyl tert-butyl Ether	3.41	73	103349	5.081	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	35121	4.955	ug/L	99
19) 1,1-Dichloroethane	3.91	63	77173	5.192	ug/L	99
21) 2-Butanone	4.75	43	138689	45.788	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	45207	5.271	ug/L	100

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 19 04:53:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	17522	5.139	ug/L	98
25) Chloroform	5.13	83	78738	4.961	ug/L	100
27) 1,2-Dichloroethane	5.84	62	51286	5.069	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	59211	5.121	ug/L	100
30) Cyclohexane	5.43	56	61612	5.016	ug/L	98
31) Carbon tetrachloride	5.56	117	45606	4.889	ug/L	98
33) Benzene	5.81	78	170228	5.242	ug/L	100
34) Trichloroethene	6.57	95	42941	5.192	ug/L	97
35) Methylcyclohexane	6.79	83	64913	4.946	ug/L	98
37) 1,2-Dichloropropane	6.83	63	47527	5.360	ug/L	98
38) Bromodichloromethane	7.14	83	53721	5.077	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	65487	5.104	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	295946	51.721	ug/L	99
42) Toluene	8.00	91	182753	5.240	ug/L	96
44) trans-1,3-Dichloropropene	8.24	75	51612	5.147	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	31953	5.180	ug/L	99
47) Tetrachloroethene	8.58	164	26446	4.700	ug/L	92
48) 2-Hexanone	8.71	43	231564	47.290	ug/L	99
49) Dibromochloromethane	8.83	129	32510	5.096	ug/L	94
50) 1,2-Dibromoethane	8.95	107	29162	5.234	ug/L	99
51) Chlorobenzene	9.47	112	111179	5.153	ug/L	98
52) Ethylbenzene	9.59	91	199677	5.126	ug/L	99
53) m,p-Xylene	9.72	106	73844	5.151	ug/L	93
54) o-Xylene	10.12	106	71803	5.100	ug/L	96
55) Styrene	10.13	104	121802	5.132	ug/L	99
56) Isopropylbenzene	10.50	105	194119	5.152	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	43202	5.350	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	29973	5.120	ug/L	99
61) Bromoform	10.31	173	16595	4.954	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	83637	4.992	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	82341	4.958	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	81082	5.020	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	5957	4.943	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	60357	5.118	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	44668	5.022	ug/L	99
69) Naphthalene	14.12	128	81272	5.044	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	42731	5.354	ug/L	98

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

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