Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061320\
Data File : VU038844.D
Acq On : 12 Jun 2020 11:46
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Jun 13 00:41:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 11:07:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	305597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	301467	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	156546	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	79070	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.93	69	63699	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%			
11) 1,1-Dichloroethene-d2	2.59	63	180979	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.60%			
20) 2-Butanone-d5	4.68	46	261012	49.93	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.86%			
24) Chloroform-d	5.10	84	176657	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.74	65	99482	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.76	84	345299	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
36) 1,2-Dichloropropane-d6	6.72	67	104249	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.92	98	321014	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	8.20	79	46955	5.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.40%			
46) 2-Hexanone-d5	8.65	63	220637	53.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.12%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	90186	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.20	152	123417	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	139914	4.700	ug/L	100
3) Chloromethane	1.53	50	116977	4.763	ug/L	98
5) Vinyl chloride	1.62	62	124995	4.791	ug/L	99
6) Bromomethane	1.87	94	73547	4.913	ug/L	97
8) Chloroethane	1.95	64	75169	4.665	ug/L	95
9) Trichlorofluoromethane	2.16	101	179588	4.638	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	104148	4.703	ug/L	98
12) 1,1-Dichloroethene	2.60	96	99463	4.647	ug/L	95
13) Acetone	2.68	43	198230	46.742	ug/L	99
14) Carbon disulfide	2.82	76	342922	4.707	ug/L	99
15) Methyl Acetate	2.98	43	48996	4.729	ug/L	98
16) Methylene chloride	3.08	84	113442	4.610	ug/L	96
17) Methyl tert-butyl Ether	3.40	73	264386	4.795	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	109415	4.761	ug/L	99
19) 1,1-Dichloroethane	3.91	63	194924	4.713	ug/L	99
21) 2-Butanone	4.76	43	333657	47.895	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	114030	4.764	ug/L	100

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Acq On : 12 Jun 2020 11:46
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Jun 13 00:41:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 11:07:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	51106	4.555	ug/L	98
25) Chloroform	5.12	83	197960	4.642	ug/L	100
27) 1,2-Dichloroethane	5.83	62	139601	4.695	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	176803	4.752	ug/L	100
30) Cyclohexane	5.42	56	174204	4.832	ug/L	97
31) Carbon tetrachloride	5.56	117	147580	4.699	ug/L	99
33) Benzene	5.81	78	440841	4.840	ug/L	100
34) Trichloroethene	6.57	95	114971	4.833	ug/L	98
35) Methylcyclohexane	6.79	83	170230	4.602	ug/L	100
37) 1,2-Dichloropropane	6.82	63	110124	4.799	ug/L	99
38) Bromodichloromethane	7.13	83	141671	4.759	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	163513	4.807	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	765424	49.840	ug/L	99
42) Toluene	7.99	91	467242	4.859	ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	147817	4.879	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	81923	4.681	ug/L	98
47) Tetrachloroethene	8.57	164	83649	4.568	ug/L	98
48) 2-Hexanone	8.71	43	582894	49.408	ug/L	99
49) Dibromochloromethane	8.83	129	95487	4.887	ug/L	95
50) 1,2-Dibromoethane	8.94	107	81335	4.761	ug/L	100
51) Chlorobenzene	9.47	112	296756	4.792	ug/L	98
52) Ethylbenzene	9.59	91	510649	4.820	ug/L	100
53) m,p-Xylene	9.71	106	199306	4.979	ug/L	97
54) o-Xylene	10.12	106	190574	4.958	ug/L	99
55) Styrene	10.13	104	327641	4.953	ug/L	98
56) Isopropylbenzene	10.50	105	508668	4.951	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	101445	4.662	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	80227	4.713	ug/L	100
61) Bromoform	10.31	173	52070	4.618	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	241973	4.788	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	245678	4.766	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	229314	4.823	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.01	75	18561	4.813	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	178546	4.823	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	163481	4.990	ug/L	98
69) Naphthalene	14.11	128	329902	5.305	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	154181	5.148	ug/L	99

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

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