Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039408.D
Acq On : 09 Jul 2020 20:15
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Jul 10 00:23:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	96802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	89086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	43554	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	24177	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.92	69	33512	5.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.80%			
11) 1,1-Dichloroethene-d2	2.58	63	47313	4.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.80%			
20) 2-Butanone-d5	4.65	46	161062	62.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.48%			
24) Chloroform-d	5.08	84	60316	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
26) 1,2-Dichloroethane-d4	5.72	65	40456	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	5.74	84	101948	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.71	67	40648	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.91	98	78906	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
43) trans-1,3-Dichloropropene-	8.19	79	16896	5.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.60%			
46) 2-Hexanone-d5	8.64	63	121649	61.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.26%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	42050	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	35791	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	32006	5.455	ug/L	99
3) Chloromethane	1.53	50	34604	4.868	ug/L	100
5) Vinyl chloride	1.61	62	40232	5.097	ug/L	98
6) Bromomethane	1.87	94	14147	4.162	ug/L	95
8) Chloroethane	1.94	64	34725	6.089	ug/L	92
9) Trichlorofluoromethane	2.15	101	63280	4.617	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	28016	4.981	ug/L	98
12) 1,1-Dichloroethene	2.59	96	29336	5.096	ug/L	91
13) Acetone	2.66	43	69706	50.306	ug/L	100
14) Carbon disulfide	2.81	76	91364	4.505	ug/L	97
15) Methyl Acetate	2.97	43	18515	5.059	ug/L	99
16) Methylene chloride	3.06	84	36595	5.053	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	92456	5.097	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	31022	4.867	ug/L	99
19) 1,1-Dichloroethane	3.89	63	62450	5.008	ug/L	97
21) 2-Butanone	4.73	43	125389	50.699	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	35280	4.937	ug/L	97

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Data File : VU039408.D
Acq On : 09 Jul 2020 20:15
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00512

Quant Time: Jul 10 00:23:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 00:19:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	16438	5.063	ug/L		95
25) Chloroform	5.11	83	64733	5.140	ug/L		100
27) 1,2-Dichloroethane	5.81	62	47644	5.230	ug/L		99
29) 1,1,1-Trichloroethane	5.34	97	53834	5.131	ug/L		98
30) Cyclohexane	5.41	56	52920	4.791	ug/L		99
31) Carbon tetrachloride	5.54	117	43798	4.893	ug/L		99
33) Benzene	5.79	78	134923	5.066	ug/L		100
34) Trichloroethene	6.56	95	33521	4.868	ug/L		96
35) Methylcyclohexane	6.78	83	51835	4.699	ug/L		98
37) 1,2-Dichloropropane	6.81	63	36218	4.988	ug/L		99
38) Bromodichloromethane	7.12	83	47558	5.129	ug/L		100
39) cis-1,3-Dichloropropene	7.62	75	54174	4.936	ug/L		98
40) 4-Methyl-2-pentanone	7.80	43	307358	50.745	ug/L		98
42) Toluene	7.98	91	136621	4.790	ug/L		97
44) trans-1,3-Dichloropropene	8.22	75	48125	4.942	ug/L		97
45) 1,1,2-Trichloroethane	8.41	97	27667	5.305	ug/L		96
47) Tetrachloroethene	8.56	164	23081	4.819	ug/L		97
48) 2-Hexanone	8.69	43	226538	50.725	ug/L		98
49) Dibromochloromethane	8.82	129	31587	5.000	ug/L		100
50) 1,2-Dibromoethane	8.93	107	25953	4.898	ug/L		98
51) Chlorobenzene	9.45	112	84644	4.857	ug/L		98
52) Ethylbenzene	9.57	91	150661	4.780	ug/L		97
53) m,p-Xylene	9.70	106	56551	4.762	ug/L		98
54) o-Xylene	10.10	106	55062	4.762	ug/L		98
55) Styrene	10.12	104	93470	4.646	ug/L		98
56) Isopropylbenzene	10.48	105	143114	4.577	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	37278	5.135	ug/L	#	94
59) 1,2,3-Trichloropropane	10.82	75	26813	5.011	ug/L		100
61) Bromoform	10.29	173	17394	4.738	ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	65039	4.765	ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	64527	4.713	ug/L		96
65) 1,2-Dichlorobenzene	12.21	146	64061	4.682	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.99	75	5929	4.906	ug/L		88
67) 1,3,5-Trichlorobenzene	13.21	180	48171	4.717	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	41965	4.802	ug/L		95
69) Naphthalene	14.08	128	80722	4.590	ug/L		100
70) 1,2,3-Trichlorobenzene	14.32	180	39394	4.864	ug/L		99

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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