Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083120\
Data File : VU040002.D
Acq On : 31 Aug 2020 12:13
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV02

Quant Time: Sep 01 01:42:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 31 18:16:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122218	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56051	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	32123	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.92	69	28356	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.58	63	85989	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.40%			
20) 2-Butanone-d5	4.65	46	136501	51.14	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.28%			
24) Chloroform-d	5.09	84	78941	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.72	65	46680	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.74	84	142560	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.70	67	45964	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.20%			
41) Toluene-d8	7.91	98	130233	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20460	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.64	63	101379	51.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39360	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45979	5.07	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	62580	5.159	ug/L	98
3) Chloromethane	1.53	50	59650	5.137	ug/L	98
5) Vinyl chloride	1.61	62	61306	5.207	ug/L	98
6) Bromomethane	1.87	94	31466	5.229	ug/L	100
8) Chloroethane	1.94	64	36132	5.107	ug/L	98
9) Trichlorofluoromethane	2.15	101	88019	5.219	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	54107	4.950	ug/L	99
12) 1,1-Dichloroethene	2.59	96	48187	5.095	ug/L	97
13) Acetone	2.66	43	123032	49.794	ug/L	98
14) Carbon disulfide	2.81	76	152938	5.043	ug/L	98
15) Methyl Acetate	2.97	43	29355	4.734	ug/L	97
16) Methylene chloride	3.06	84	57053	4.606	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	143742	5.042	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	51126	5.025	ug/L	98
19) 1,1-Dichloroethane	3.89	63	103803	4.956	ug/L	98
21) 2-Butanone	4.73	43	200298	49.654	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	56794	5.191	ug/L	98

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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV02

Quant Time: Sep 01 01:42:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 31 18:16:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	24479	5.107 ug/L	97
25) Chloroform	5.11	83	107547	5.015 ug/L	99
27) 1,2-Dichloroethane	5.81	62	78356	4.987 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	93551	5.045 ug/L	98
30) Cyclohexane	5.41	56	93562	5.203 ug/L	98
31) Carbon tetrachloride	5.54	117	79242	4.993 ug/L	99
33) Benzene	5.79	78	215694	5.105 ug/L	100
34) Trichloroethene	6.56	95	58727	5.182 ug/L	98
35) Methylcyclohexane	6.77	83	90128	5.194 ug/L	98
37) 1,2-Dichloropropane	6.80	63	59980	5.243 ug/L	100
38) Bromodichloromethane	7.11	83	77730	4.977 ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	87247	5.171 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	483036	51.460 ug/L	100
42) Toluene	7.98	91	225671	5.187 ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	79621	5.093 ug/L	94
45) 1,1,2-Trichloroethane	8.41	97	42393	5.087 ug/L	98
47) Tetrachloroethene	8.56	164	37724	5.067 ug/L	97
48) 2-Hexanone	8.69	43	352221	51.442 ug/L	99
49) Dibromochloromethane	8.82	129	50627	5.061 ug/L	99
50) 1,2-Dibromoethane	8.93	107	39534	4.920 ug/L	91
51) Chlorobenzene	9.45	112	138624	5.132 ug/L	99
52) Ethylbenzene	9.57	91	253000	5.118 ug/L	99
53) m,p-Xylene	9.70	106	90367	5.134 ug/L	98
54) o-Xylene	10.10	106	88719	5.289 ug/L	100
55) Styrene	10.11	104	154952	5.312 ug/L	100
56) Isopropylbenzene	10.48	105	242875	5.309 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	52738	4.935 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	42289	4.989 ug/L	98
61) Bromoform	10.29	173	26741	5.201 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	105172	5.134 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	107784	5.199 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	102857	5.189 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10804	5.096 ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	75886	5.268 ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	65871	5.309 ug/L	98
69) Naphthalene	14.08	128	137113	5.302 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	60620	5.319 ug/L	98

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

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