Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111620\
Data File : VU041255.D
Acq On : 16 Nov 2020 18:03
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: Nov 17 07:17:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70070	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67768	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35314	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	24102	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.92	69	22528	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.20%			
11) 1,1-Dichloroethene-d2	2.58	63	48697	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	4.65	46	108471	51.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.08%			
24) Chloroform-d	5.08	84	56230	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.72	65	34165	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.74	84	97593	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
36) 1,2-Dichloropropane-d6	6.70	67	33500	5.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.40%			
41) Toluene-d8	7.90	98	89807	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.40%			
43) trans-1,3-Dichloropropene-	8.19	79	13395	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.64	63	75324	52.04	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.08%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28924	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	33940	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	27639	4.779	ug/L	100
3) Chloromethane	1.53	50	30832	4.950	ug/L	99
5) Vinyl chloride	1.61	62	30845	5.071	ug/L	99
6) Bromomethane	1.87	94	17638	4.888	ug/L	93
8) Chloroethane	1.94	64	19558	4.844	ug/L	100
9) Trichlorofluoromethane	2.15	101	47269	4.989	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	24141	4.677	ug/L	94
12) 1,1-Dichloroethene	2.59	96	20548	4.505	ug/L	97
13) Acetone	2.66	43	60330	42.793	ug/L #	56
14) Carbon disulfide	2.81	76	57778	4.304	ug/L	98
15) Methyl Acetate	2.97	43	13151	4.491	ug/L	92
16) Methylene chloride	3.06	84	26671	4.664	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	63429	5.079	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	22926	5.161	ug/L	98
19) 1,1-Dichloroethane	3.89	63	53545	5.391	ug/L	99
21) 2-Butanone	4.73	43	102665	47.965	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	27334	5.448	ug/L	95

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 16 12:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	12819	5.153 ug/L	92
25) Chloroform	5.11	83	52422	4.867 ug/L	98
27) 1,2-Dichloroethane	5.81	62	39651	5.121 ug/L #	95
29) 1,1,1-Trichloroethane	5.33	97	44838	5.413 ug/L	96
30) Cyclohexane	5.40	56	38439	5.616 ug/L	98
31) Carbon tetrachloride	5.54	117	40527	5.642 ug/L	98
33) Benzene	5.79	78	104399	5.685 ug/L	100
34) Trichloroethene	6.55	95	26833	5.406 ug/L	97
35) Methylcyclohexane	6.77	83	35123	5.327 ug/L	99
37) 1,2-Dichloropropane	6.81	63	30099	5.607 ug/L #	97
38) Bromodichloromethane	7.11	83	36934	5.264 ug/L	94
39) cis-1,3-Dichloropropene	7.62	75	39356	5.256 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	214871	48.369 ug/L	99
42) Toluene	7.97	91	106575	5.430 ug/L	98
44) trans-1,3-Dichloropropene	8.21	75	36693	5.181 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	20351	4.902 ug/L	96
47) Tetrachloroethene	8.56	164	19421	5.295 ug/L	89
48) 2-Hexanone	8.69	43	166795	50.298 ug/L	99
49) Dibromochloromethane	8.81	129	26116	5.309 ug/L	98
50) 1,2-Dibromoethane	8.93	107	20088	5.216 ug/L	100
51) Chlorobenzene	9.45	112	66053	5.081 ug/L	98
52) Ethylbenzene	9.57	91	105575	5.037 ug/L	98
53) m,p-Xylene	9.69	106	39885	5.266 ug/L	96
54) o-Xylene	10.10	106	38626	5.294 ug/L	100
55) Styrene	10.11	104	69147	5.352 ug/L	99
56) Isopropylbenzene	10.48	105	105143	5.440 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	26309	4.848 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	20943	4.947 ug/L	96
61) Bromoform	10.29	173	14897	4.607 ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	54226	5.103 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	55189	5.041 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	50739	4.801 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.99	75	5171	5.270 ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	38276	5.057 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	33817	5.379 ug/L	98
69) Naphthalene	14.08	128	53957	5.301 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	32175	5.511 ug/L	96

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

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