Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121220\
Data File : VU041578.D
Acq On : 12 Dec 2020 19:24
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV06

Quant Time: Dec 13 11:20:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Dec 13 11:18:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	155818	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	149754	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	84015	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	62762	5.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.00%			
7) Chloroethane-d5	1.92	69	48706	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.58	63	115713	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.20%			
20) 2-Butanone-d5	4.65	46	187536	53.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.18%			
24) Chloroform-d	5.08	84	106453	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.72	65	58931	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.74	84	217324	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.70	67	69551	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.91	98	204782	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	8.19	79	31126	5.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%			
46) 2-Hexanone-d5	8.64	63	176266	53.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	63098	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	71430	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	69585	5.271	ug/L	100
3) Chloromethane	1.53	50	66544	5.189	ug/L	99
5) Vinyl chloride	1.61	62	72549	5.123	ug/L	97
6) Bromomethane	1.87	94	46550	5.258	ug/L	97
8) Chloroethane	1.94	64	45440	4.724	ug/L	99
9) Trichlorofluoromethane	2.15	101	92420	5.156	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54512	5.085	ug/L	98
12) 1,1-Dichloroethene	2.59	96	55181	5.220	ug/L	93
13) Acetone	2.66	43	116014	52.123	ug/L	99
14) Carbon disulfide	2.81	76	193235	5.290	ug/L	99
15) Methyl Acetate	2.97	43	28488	4.923	ug/L	99
16) Methylene chloride	3.06	84	62703	4.967	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	152421	5.404	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	58506	5.351	ug/L	99
19) 1,1-Dichloroethane	3.89	63	105500	5.163	ug/L	99
21) 2-Butanone	4.74	43	195087	53.811	ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	63547	5.259	ug/L	100

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

Instrument : MSVOA_U
ClientSampleId : VICV06

Quant Time: Dec 13 11:20:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Dec 13 11:18:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	29442	5.304 ug/L	95
25) Chloroform	5.11	83	107144	5.207 ug/L	96
27) 1,2-Dichloroethane	5.81	62	73082	5.244 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	89469	5.202 ug/L	98
30) Cyclohexane	5.41	56	98905	5.131 ug/L	98
31) Carbon tetrachloride	5.54	117	76926	5.173 ug/L	99
33) Benzene	5.79	78	245428	5.124 ug/L	100
34) Trichloroethene	6.55	95	61816	5.136 ug/L	97
35) Methylcyclohexane	6.77	83	98589	5.068 ug/L	97
37) 1,2-Dichloropropane	6.80	63	65355	5.335 ug/L	99
38) Bromodichloromethane	7.11	83	79341	5.206 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	94873	5.227 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	445636	51.123 ug/L	98
42) Toluene	7.98	91	264441	5.348 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	87220	5.373 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	48394	5.342 ug/L	98
47) Tetrachloroethene	8.56	164	44406	5.271 ug/L	98
48) 2-Hexanone	8.69	43	351366	55.386 ug/L	99
49) Dibromochloromethane	8.81	129	54898	5.276 ug/L	98
50) 1,2-Dibromoethane	8.93	107	47025	5.247 ug/L	93
51) Chlorobenzene	9.45	112	160253	5.214 ug/L	99
52) Ethylbenzene	9.57	91	279747	5.313 ug/L	97
53) m,p-Xylene	9.69	106	106587	5.428 ug/L	99
54) o-Xylene	10.10	106	102598	5.334 ug/L	99
55) Styrene	10.11	104	179435	5.401 ug/L	98
56) Isopropylbenzene	10.48	105	275352	5.379 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	65991	5.235 ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	49927	5.427 ug/L	98
61) Bromoform	10.29	173	32293	5.085 ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	135140	5.259 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	136751	5.293 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	124747	4.958 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	12175	5.160 ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	98497	5.050 ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	87985	5.376 ug/L	100
69) Naphthalene	14.07	128	192267	5.675 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	82403	5.282 ug/L	100

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

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