Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121220\
Data File : VU041600.D
Acq On : 13 Dec 2020 04:41
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Dec 13 11:22:20 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	140280	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	132610	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71323	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	53826	4.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.20%			
7) Chloroethane-d5	1.92	69	42884	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.00%			
11) 1,1-Dichloroethene-d2	2.58	63	100448	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.40%			
20) 2-Butanone-d5	4.65	46	163437	51.88	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.76%			
24) Chloroform-d	5.08	84	95143	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
26) 1,2-Dichloroethane-d4	5.72	65	52005	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.74	84	192784	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.70	67	60108	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.00%			
41) Toluene-d8	7.90	98	179832	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
43) trans-1,3-Dichloropropene-	8.19	79	26397	4.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.60%			
46) 2-Hexanone-d5	8.64	63	150193	51.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.64%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	56367	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	62442	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	62709	5.277	ug/L	99
3) Chloromethane	1.53	50	55897	4.841	ug/L	98
5) Vinyl chloride	1.61	62	64200	5.036	ug/L	97
6) Bromomethane	1.87	94	41625	5.222	ug/L	96
8) Chloroethane	1.94	64	39435	4.554	ug/L	98
9) Trichlorofluoromethane	2.15	101	87922	5.449	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50724	5.256	ug/L	97
12) 1,1-Dichloroethene	2.59	96	48972	5.146	ug/L	96
13) Acetone	2.66	43	101944	50.875	ug/L	97
14) Carbon disulfide	2.81	76	169099	5.142	ug/L	99
15) Methyl Acetate	2.97	43	24790	4.759	ug/L	94
16) Methylene chloride	3.06	84	56169	4.942	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	133006	5.238	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	51340	5.216	ug/L	99
19) 1,1-Dichloroethane	3.89	63	96865	5.265	ug/L	97
21) 2-Butanone	4.73	43	176829	54.177	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	56275	5.173	ug/L	99

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ALS Vial : 32 Sample Multiplier: 1

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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	26318	5.266 ug/L	92
25) Chloroform	5.11	83	97692	5.273 ug/L	99
27) 1,2-Dichloroethane	5.81	62	64612	5.150 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	82625	5.426 ug/L	99
30) Cyclohexane	5.40	56	86397	5.062 ug/L	97
31) Carbon tetrachloride	5.54	117	71705	5.445 ug/L	99
33) Benzene	5.79	78	221190	5.215 ug/L	100
34) Trichloroethene	6.55	95	56667	5.317 ug/L	93
35) Methylcyclohexane	6.77	83	89747	5.210 ug/L	100
37) 1,2-Dichloropropane	6.80	63	56951	5.250 ug/L	100
38) Bromodichloromethane	7.11	83	70838	5.249 ug/L	95
39) cis-1,3-Dichloropropene	7.61	75	81036	5.041 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	410804	53.219 ug/L	99
42) Toluene	7.98	91	236247	5.395 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	76177	5.299 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	44907	5.598 ug/L	97
47) Tetrachloroethene	8.56	164	41797	5.603 ug/L	95
48) 2-Hexanone	8.69	43	306424	54.546 ug/L	99
49) Dibromochloromethane	8.81	129	51269	5.564 ug/L	98
50) 1,2-Dibromoethane	8.93	107	42649	5.374 ug/L	100
51) Chlorobenzene	9.45	112	146232	5.373 ug/L	98
52) Ethylbenzene	9.57	91	248556	5.331 ug/L	97
53) m,p-Xylene	9.69	106	95554	5.495 ug/L	98
54) o-Xylene	10.10	106	95160	5.587 ug/L	98
55) Styrene	10.11	104	165706	5.632 ug/L	100
56) Isopropylbenzene	10.48	105	251599	5.550 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	59861	5.363 ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	42783	5.251 ug/L	98
61) Bromoform	10.29	173	30447	5.647 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	116069	5.321 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	115888	5.284 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	111411	5.216 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10570	5.277 ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	84611	5.110 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	72399	5.210 ug/L	99
69) Naphthalene	14.07	128	142511	4.954 ug/L	100
70) 1,2,3-Trichlorobenzene	14.31	180	68255	5.154 ug/L	98

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

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