Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112020\
Data File : VU041358.D
Acq On : 20 Nov 2020 09:47
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00507

Quant Time: Nov 21 02:40:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 18:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60965	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30501	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	19036	4.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.80%			
7) Chloroethane-d5	1.92	69	18417	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.58	63	43714	4.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.40%			
20) 2-Butanone-d5	4.65	46	96090	51.97	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.94%			
24) Chloroform-d	5.08	84	55557	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.60%			
26) 1,2-Dichloroethane-d4	5.72	65	34678	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%			
32) Benzene-d6	5.74	84	93016	5.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.20%			
36) 1,2-Dichloropropane-d6	6.70	67	32990	5.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 114.40%			
41) Toluene-d8	7.90	98	88789	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.60%			
43) trans-1,3-Dichloropropene-	8.18	79	13659	5.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.00%			
46) 2-Hexanone-d5	8.64	63	71222	53.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.40%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30589	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	33151	5.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	23958	4.761	ug/L	97
3) Chloromethane	1.52	50	21864	4.034	ug/L	96
5) Vinyl chloride	1.61	62	24098	4.553	ug/L	99
6) Bromomethane	1.86	94	17133	5.457	ug/L	98
8) Chloroethane	1.94	64	14975	4.263	ug/L	98
9) Trichlorofluoromethane	2.14	101	41958	5.090	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	22144	4.931	ug/L	92
12) 1,1-Dichloroethene	2.59	96	19141	4.823	ug/L	94
13) Acetone	2.66	43	53256	43.417	ug/L #	59
14) Carbon disulfide	2.80	76	49309	4.222	ug/L	99
15) Methyl Acetate	2.97	43	13091	5.138	ug/L	92
16) Methylene chloride	3.06	84	27267	5.480	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	57150	5.260	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	19724	5.103	ug/L	95
19) 1,1-Dichloroethane	3.89	63	45393	5.253	ug/L	95
21) 2-Butanone	4.73	43	82415	44.255	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	23198	5.314	ug/L	97

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00507

Quant Time: Nov 21 02:40:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 18:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	11175	5.163 ug/L	95
25) Chloroform	5.10	83	49033	5.232 ug/L	100
27) 1,2-Dichloroethane	5.81	62	35218	5.227 ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	42233	5.564 ug/L	95
30) Cyclohexane	5.40	56	30469	4.858 ug/L	98
31) Carbon tetrachloride	5.54	117	36585	5.558 ug/L	100
33) Benzene	5.79	78	93081	5.531 ug/L	100
34) Trichloroethene	6.55	95	23949	5.266 ug/L	98
35) Methylcyclohexane	6.77	83	30078	4.978 ug/L	98
37) 1,2-Dichloropropane	6.80	63	26390	5.365 ug/L #	97
38) Bromodichloromethane	7.11	83	36510	5.678 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	34564	5.038 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	198090	48.662 ug/L	99
42) Toluene	7.97	91	96113	5.344 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	33585	5.175 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	20407	5.364 ug/L	88
47) Tetrachloroethene	8.56	164	17190	5.115 ug/L	97
48) 2-Hexanone	8.69	43	151052	49.708 ug/L	99
49) Dibromochloromethane	8.81	129	24729	5.486 ug/L	100
50) 1,2-Dibromoethane	8.93	107	18200	5.157 ug/L	97
51) Chlorobenzene	9.45	112	63109	5.298 ug/L	98
52) Ethylbenzene	9.57	91	102486	5.336 ug/L	99
53) m,p-Xylene	9.69	106	37538	5.408 ug/L	99
54) o-Xylene	10.10	106	36850	5.512 ug/L	97
55) Styrene	10.11	104	66342	5.604 ug/L	99
56) Isopropylbenzene	10.48	105	103234	5.829 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	26187	5.266 ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	20098	5.181 ug/L	100
61) Bromoform	10.29	173	13781	4.934 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	49596	5.404 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	49256	5.209 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	48522	5.315 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4272	5.041 ug/L	90
67) 1,3,5-Trichlorobenzene	13.21	180	34100	5.217 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	26325	4.848 ug/L	97
69) Naphthalene	14.08	128	41268	4.694 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	24611	4.881 ug/L	98

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

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