Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110620\
Data File : VU041118.D
Acq On : 06 Nov 2020 15:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00519

Quant Time: Nov 06 23:03:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 06 17:06:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37269	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	22313	3.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.20%			
7) Chloroethane-d5	1.92	69	19338	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.58	63	47577	4.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.80%			
20) 2-Butanone-d5	4.65	46	97225	49.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.26%			
24) Chloroform-d	5.08	84	51637	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.72	65	31418	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.74	84	95125	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
36) 1,2-Dichloropropane-d6	6.70	67	32222	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%			
41) Toluene-d8	7.90	98	89130	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
43) trans-1,3-Dichloropropene-	8.18	79	13253	4.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.60%			
46) 2-Hexanone-d5	8.64	63	72886	50.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.66%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29229	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	34566	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	27524	4.215	ug/L	99
3) Chloromethane	1.52	50	28336	4.161	ug/L	99
5) Vinyl chloride	1.61	62	29137	4.337	ug/L	98
6) Bromomethane	1.86	94	16375	4.253	ug/L	95
8) Chloroethane	1.94	64	16527	3.883	ug/L	99
9) Trichlorofluoromethane	2.15	101	40507	4.436	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	24361	4.552	ug/L	95
12) 1,1-Dichloroethene	2.59	96	21421	4.240	ug/L	96
13) Acetone	2.66	43	59722	44.142	ug/L #	54
14) Carbon disulfide	2.81	76	65189	3.861	ug/L	100
15) Methyl Acetate	2.96	43	14061	4.542	ug/L	96
16) Methylene chloride	3.06	84	26019	4.419	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	59368	4.565	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	23075	4.494	ug/L	90
19) 1,1-Dichloroethane	3.89	63	46256	4.506	ug/L	96
21) 2-Butanone	4.73	43	96239	45.513	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	24734	4.670	ug/L	98

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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 : VSTD00519

Quant Time: Nov 06 23:03:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 06 17:06:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	12653	5.064 ug/L	88
25) Chloroform	5.10	83	49143	4.774 ug/L	98
27) 1,2-Dichloroethane	5.81	62	35563	4.638 ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	41087	4.761 ug/L	97
30) Cyclohexane	5.40	56	38114	4.483 ug/L	99
31) Carbon tetrachloride	5.54	117	36298	4.750 ug/L	100
33) Benzene	5.79	78	99072	4.699 ug/L	100
34) Trichloroethene	6.55	95	26203	4.884 ug/L	97
35) Methylcyclohexane	6.77	83	36773	4.595 ug/L	96
37) 1,2-Dichloropropane	6.80	63	27656	4.848 ug/L #	97
38) Bromodichloromethane	7.12	83	35522	4.800 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	38327	4.880 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	223410	49.117 ug/L	99
42) Toluene	7.97	91	105541	4.937 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	35859	4.878 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	20382	4.800 ug/L	97
47) Tetrachloroethene	8.56	164	19000	4.816 ug/L	97
48) 2-Hexanone	8.69	43	169450	49.477 ug/L	98
49) Dibromochloromethane	8.81	129	24452	4.958 ug/L	96
50) 1,2-Dibromoethane	8.93	107	19913	4.921 ug/L	99
51) Chlorobenzene	9.45	112	66541	4.909 ug/L	96
52) Ethylbenzene	9.57	91	108738	4.832 ug/L	98
53) m,p-Xylene	9.69	106	42064	5.125 ug/L	95
54) o-Xylene	10.10	106	40844	5.344 ug/L	97
55) Styrene	10.11	104	69709	5.119 ug/L	99
56) Isopropylbenzene	10.48	105	107088	5.210 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	26696	4.787 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	20359	4.788 ug/L	97
61) Bromoform	10.29	173	14304	4.980 ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	56056	5.211 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	56295	5.053 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	52273	4.924 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4973	4.780 ug/L	87
67) 1,3,5-Trichlorobenzene	13.21	180	38946	5.176 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	32513	5.216 ug/L	98
69) Naphthalene	14.08	128	53175	4.771 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	30435	5.298 ug/L	99

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

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