Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031120\
Data File : VU037160.D
Acq On : 11 Mar 2020 10:45
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Mar 12 01:47:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 11 08:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125466	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	60129	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	38669	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.93	69	29658	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.59	63	86135	5.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.20%			
20) 2-Butanone-d5	4.69	46	108583	51.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.74%			
24) Chloroform-d	5.11	84	83358	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.74	65	47284	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.76	84	152521	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.73	67	48052	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.93	98	148261	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
43) trans-1,3-Dichloropropene-	8.20	79	21266	5.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.60%			
46) 2-Hexanone-d5	8.66	63	89015	53.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.20%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41070	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	52472	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	81396	5.023	ug/L	97
3) Chloromethane	1.53	50	66809	4.833	ug/L	99
5) Vinyl chloride	1.62	62	62161	5.021	ug/L	99
6) Bromomethane	1.87	94	28836	6.197	ug/L	99
8) Chloroethane	1.95	64	32475	5.118	ug/L	98
9) Trichlorofluoromethane	2.16	101	86157	4.904	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	47775	5.261	ug/L	97
12) 1,1-Dichloroethene	2.60	96	42037	5.118	ug/L	96
13) Acetone	2.68	43	97004	56.008	ug/L	93
14) Carbon disulfide	2.82	76	138034	5.066	ug/L	96
15) Methyl Acetate	2.99	43	19687	4.857	ug/L	100
16) Methylene chloride	3.08	84	50152	5.085	ug/L	96
17) Methyl tert-butyl Ether	3.40	73	113627	5.150	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	45467	5.235	ug/L	95
19) 1,1-Dichloroethane	3.91	63	87421	4.973	ug/L	98
21) 2-Butanone	4.76	43	153204	56.193	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	48435	5.068	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Mar 12 01:47:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 11 08:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.01	128	21608	5.158	ug/L		90
25) Chloroform	5.13	83	96721	5.044	ug/L		100
27) 1,2-Dichloroethane	5.83	62	65727	4.917	ug/L		99
29) 1,1,1-Trichloroethane	5.36	97	83949	5.224	ug/L		97
30) Cyclohexane	5.43	56	78854	5.073	ug/L		97
31) Carbon tetrachloride	5.56	117	71842	5.161	ug/L		98
33) Benzene	5.81	78	192939	5.201	ug/L		100
34) Trichloroethene	6.57	95	52260	5.217	ug/L		96
35) Methylcyclohexane	6.79	83	77770	5.022	ug/L		98
37) 1,2-Dichloropropane	6.83	63	52079	5.335	ug/L		98
38) Bromodichloromethane	7.14	83	67637	5.223	ug/L		100
39) cis-1,3-Dichloropropene	7.64	75	74419	5.311	ug/L		97
40) 4-Methyl-2-pentanone	7.83	43	368924	53.408	ug/L		99
42) Toluene	8.00	91	211761	5.317	ug/L		97
44) trans-1,3-Dichloropropene	8.24	75	66413	5.682	ug/L		97
45) 1,1,2-Trichloroethane	8.43	97	36791	5.223	ug/L		99
47) Tetrachloroethene	8.58	164	39495	5.070	ug/L		97
48) 2-Hexanone	8.72	43	267283	55.499	ug/L		98
49) Dibromochloromethane	8.84	129	44503	5.246	ug/L		100
50) 1,2-Dibromoethane	8.95	107	35467	5.311	ug/L	#	95
51) Chlorobenzene	9.47	112	131394	5.124	ug/L		99
52) Ethylbenzene	9.59	91	232205	5.273	ug/L		99
53) m,p-Xylene	9.72	106	86455	5.461	ug/L		98
54) o-Xylene	10.12	106	83403	5.404	ug/L		100
55) Styrene	10.13	104	137930	5.449	ug/L		99
56) Isopropylbenzene	10.50	105	226846	5.477	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.80	83	47375	5.447	ug/L		96
59) 1,2,3-Trichloropropane	10.84	75	34754	4.975	ug/L		98
61) Bromoform	10.31	173	24598	5.361	ug/L		99
62) 1,3-Dichlorobenzene	11.76	146	102656	5.210	ug/L		98
63) 1,4-Dichlorobenzene	11.85	146	101760	5.200	ug/L		100
65) 1,2-Dichlorobenzene	12.23	146	97929	5.242	ug/L		99
66) 1,2-Dibromo-3-chloropropan	13.02	75	7690	5.361	ug/L		98
67) 1,3,5-Trichlorobenzene	13.24	180	70563	5.232	ug/L		96
68) 1,2,4-trichlorobenzene	13.87	180	47740	5.219	ug/L		98
69) Naphthalene	14.12	128	64065	4.903	ug/L		99
70) 1,2,3-Trichlorobenzene	14.37	180	46129	5.374	ug/L		99

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

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