Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061720\
Data File : VU038942.D
Acq On : 17 Jun 2020 13:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Jun 18 04:01:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 17 14:56:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	295277	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	287174	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	152701	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	91050	4.44	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.80%			
7) Chloroethane-d5	1.93	69	78233	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.59	63	201608	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	4.68	46	325582	49.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.26%			
24) Chloroform-d	5.10	84	197112	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.74	65	113529	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.76	84	379791	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.72	67	116684	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.92	98	340573	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	8.20	79	54404	5.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.40%			
46) 2-Hexanone-d5	8.65	63	310796	55.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.96%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	110530	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	134571	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	134144	4.816	ug/L	100
3) Chloromethane	1.53	50	120159	4.339	ug/L	100
5) Vinyl chloride	1.62	62	128276	4.626	ug/L	99
6) Bromomethane	1.88	94	77100	4.893	ug/L	93
8) Chloroethane	1.95	64	77350	4.394	ug/L	97
9) Trichlorofluoromethane	2.16	101	223669	5.308	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	102693	4.739	ug/L	99
12) 1,1-Dichloroethene	2.60	96	102057	4.915	ug/L	88
13) Acetone	2.69	43	179906	40.240	ug/L	97
14) Carbon disulfide	2.82	76	336972	4.809	ug/L	99
15) Methyl Acetate	2.99	43	42519	3.889	ug/L	99
16) Methylene chloride	3.08	84	113694	4.760	ug/L	99
17) Methyl tert-butyl Ether	3.40	73	280102	5.131	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	107031	4.912	ug/L	100
19) 1,1-Dichloroethane	3.91	63	197045	4.981	ug/L	99
21) 2-Butanone	4.76	43	358104	50.634	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	116257	5.195	ug/L	96

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Data File : VU038942.D
Acq On : 17 Jun 2020 13:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Jun 18 04:01:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 17 14:56:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	52595	4.961 ug/L	95
25) Chloroform	5.13	83	201956	5.012 ug/L	99
27) 1,2-Dichloroethane	5.83	62	141001	4.808 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	176381	4.951 ug/L	98
30) Cyclohexane	5.42	56	165897	4.908 ug/L	98
31) Carbon tetrachloride	5.56	117	152723	4.863 ug/L	99
33) Benzene	5.81	78	434856	5.069 ug/L	100
34) Trichloroethene	6.57	95	110224	5.064 ug/L	99
35) Methylcyclohexane	6.79	83	171610	4.973 ug/L	99
37) 1,2-Dichloropropane	6.82	63	112387	5.017 ug/L	100
38) Bromodichloromethane	7.13	83	147160	5.051 ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	173968	5.285 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	842794	54.598 ug/L	100
42) Toluene	7.99	91	460952	5.188 ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	161934	5.351 ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	89954	5.409 ug/L	96
47) Tetrachloroethene	8.57	164	82405	4.886 ug/L	95
48) 2-Hexanone	8.71	43	644218	55.089 ug/L	100
49) Dibromochloromethane	8.83	129	102480	5.145 ug/L	98
50) 1,2-Dibromoethane	8.94	107	85226	5.126 ug/L	96
51) Chlorobenzene	9.47	112	289567	5.014 ug/L	98
52) Ethylbenzene	9.59	91	494453	5.144 ug/L	99
53) m,p-Xylene	9.71	106	189767	5.117 ug/L	98
54) o-Xylene	10.11	106	185138	5.211 ug/L	98
55) Styrene	10.13	104	324953	5.307 ug/L	99
56) Isopropylbenzene	10.50	105	479718	5.073 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	114571	4.991 ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	86431	5.003 ug/L	98
61) Bromoform	10.31	173	62776	5.080 ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	238968	5.033 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	240669	4.925 ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	230687	4.922 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	21765	4.606 ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	181589	4.696 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	170502	4.884 ug/L	98
69) Naphthalene	14.11	128	350117	5.188 ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	161708	4.999 ug/L	98

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

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Instrument :
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