Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062420\
Data File : VU039075.D
Acq On : 24 Jun 2020 20:49
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Jun 25 01:05:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 01:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	274991	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	274680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133429	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	88793	4.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.20%			
7) Chloroethane-d5	1.93	69	79081	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.00%			
11) 1,1-Dichloroethene-d2	2.59	63	175477	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.67	46	391448	53.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.72%			
24) Chloroform-d	5.10	84	191639	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.74	65	114892	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.76	84	351370	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.72	67	118869	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.92	98	296292	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
43) trans-1,3-Dichloropropene-	8.20	79	51411	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.66	63	313769	54.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.30%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115123	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.20	152	115366	4.64	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	114413	4.649	ug/L	99
3) Chloromethane	1.53	50	128164	4.839	ug/L	98
5) Vinyl chloride	1.62	62	130727	4.894	ug/L	98
6) Bromomethane	1.87	94	53394	3.713	ug/L	97
8) Chloroethane	1.95	64	81263	5.047	ug/L	98
9) Trichlorofluoromethane	2.16	101	164869	4.821	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	92861	4.664	ug/L	99
12) 1,1-Dichloroethene	2.61	96	90911	4.774	ug/L	95
13) Acetone	2.67	43	238955	48.419	ug/L	100
14) Carbon disulfide	2.82	76	298747	4.705	ug/L	98
15) Methyl Acetate	2.98	43	61771	5.272	ug/L	99
16) Methylene chloride	3.08	84	113577	4.834	ug/L	100
17) Methyl tert-butyl Ether	3.40	73	270387	4.987	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	99307	4.873	ug/L	99
19) 1,1-Dichloroethane	3.91	63	201901	4.984	ug/L	99
21) 2-Butanone	4.75	43	395967	52.772	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	108153	4.918	ug/L	95

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

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Jun 25 01:05:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 25 01:01:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	50105	4.951	ug/L	96
25) Chloroform	5.12	83	200184	4.919	ug/L	96
27) 1,2-Dichloroethane	5.83	62	141413	4.876	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	168317	4.910	ug/L	99
30) Cyclohexane	5.42	56	150326	4.713	ug/L	99
31) Carbon tetrachloride	5.56	117	133675	4.683	ug/L	99
33) Benzene	5.81	78	435260	5.043	ug/L	100
34) Trichloroethene	6.57	95	105548	5.056	ug/L	97
35) Methylcyclohexane	6.79	83	140802	4.546	ug/L	95
37) 1,2-Dichloropropane	6.82	63	118182	5.055	ug/L	99
38) Bromodichloromethane	7.13	83	145583	4.994	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	163494	5.045	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	923619	52.926	ug/L	100
42) Toluene	7.99	91	433474	5.060	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	152426	5.027	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	87461	5.033	ug/L	97
47) Tetrachloroethene	8.57	164	70219	4.667	ug/L	97
48) 2-Hexanone	8.71	43	699700	54.692	ug/L	100
49) Dibromochloromethane	8.83	129	97950	5.183	ug/L	99
50) 1,2-Dibromoethane	8.94	107	83974	5.111	ug/L	100
51) Chlorobenzene	9.47	112	267069	4.952	ug/L	98
52) Ethylbenzene	9.59	91	442062	4.909	ug/L	100
53) m,p-Xylene	9.71	106	168107	5.077	ug/L	99
54) o-Xylene	10.12	106	160027	5.031	ug/L	96
55) Styrene	10.13	104	293948	5.262	ug/L	98
56) Isopropylbenzene	10.50	105	410517	4.926	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	115917	4.989	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	87769	4.979	ug/L	99
61) Bromoform	10.31	173	54239	4.977	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	200961	5.065	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	200916	4.917	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	198051	4.979	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	21299	4.854	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	138911	4.731	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	127970	4.785	ug/L	99
69) Naphthalene	14.12	128	273207	4.788	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	126143	4.886	ug/L	99

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

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