Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102120\
Data File : VU040871.D
Acq On : 21 Oct 2020 13:54
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Oct 22 00:40:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:32:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	266388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	264836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	139569	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	91445	5.01	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.20%			
7) Chloroethane-d5	1.92	69	78574	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.58	63	191562	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.60%			
20) 2-Butanone-d5	4.65	46	398617	61.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.94%			
24) Chloroform-d	5.08	84	193277	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.72	65	116094	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.74	84	349857	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
36) 1,2-Dichloropropane-d6	6.70	67	118788	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.91	98	315692	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
43) trans-1,3-Dichloropropene-	8.19	79	50306	5.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.60%			
46) 2-Hexanone-d5	8.64	63	314780	66.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 132.74%#			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	113184	5.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	123532	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	133699	4.944	ug/L	99
3) Chloromethane	1.53	50	141876	4.833	ug/L	98
5) Vinyl chloride	1.61	62	134544	4.929	ug/L	98
6) Bromomethane	1.87	94	74160	5.392	ug/L	98
8) Chloroethane	1.94	64	83728	4.745	ug/L	100
9) Trichlorofluoromethane	2.15	101	181041	5.028	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	107093	5.117	ug/L	96
12) 1,1-Dichloroethene	2.59	96	99691	5.109	ug/L	97
13) Acetone	2.66	43	261714	57.430	ug/L	98
14) Carbon disulfide	2.81	76	342330	4.932	ug/L	97
15) Methyl Acetate	2.97	43	64152	5.566	ug/L	99
16) Methylene chloride	3.06	84	114940	4.790	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	266205	5.605	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	105394	5.209	ug/L	97
19) 1,1-Dichloroethane	3.89	63	205956	5.059	ug/L	100
21) 2-Butanone	4.73	43	432485	62.966	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	108856	4.899	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Oct 22 00:40:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 22 00:32:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	52020	5.238 ug/L	99
25) Chloroform	5.11	83	207600	4.998 ug/L	98
27) 1,2-Dichloroethane	5.81	62	151355	5.336 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	172337	5.006 ug/L	98
30) Cyclohexane	5.40	56	183615	5.347 ug/L	99
31) Carbon tetrachloride	5.54	117	152107	5.026 ug/L	99
33) Benzene	5.79	78	431686	5.071 ug/L	100
34) Trichloroethene	6.55	95	109928	5.073 ug/L	97
35) Methylcyclohexane	6.77	83	174861	5.392 ug/L	100
37) 1,2-Dichloropropane	6.80	63	118097	5.138 ug/L	100
38) Bromodichloromethane	7.11	83	146837	5.031 ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	163966	5.334 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	985077	63.865 ug/L	100
42) Toluene	7.97	91	455007	5.321 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	153039	5.499 ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	86131	5.499 ug/L	98
47) Tetrachloroethene	8.56	164	80450	4.989 ug/L	97
48) 2-Hexanone	8.69	43	747219	66.593 ug/L	99
49) Dibromochloromethane	8.81	129	98917	5.293 ug/L	97
50) 1,2-Dibromoethane	8.93	107	83939	5.738 ug/L	99
51) Chlorobenzene	9.45	112	280504	5.080 ug/L	99
52) Ethylbenzene	9.57	91	482856	5.252 ug/L	98
53) m,p-Xylene	9.69	106	176087	5.317 ug/L	98
54) o-Xylene	10.10	106	168852	5.362 ug/L	96
55) Styrene	10.11	104	302192	5.516 ug/L	99
56) Isopropylbenzene	10.48	105	455159	5.400 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	119625	5.997 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	88242	5.907 ug/L	95
61) Bromoform	10.29	173	54931	5.368 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	224966	5.087 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	233806	5.144 ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	219378	5.286 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	22628	5.859 ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	165865	5.110 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	144703	5.288 ug/L	99
69) Naphthalene	14.08	128	286666	5.692 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	139557	5.259 ug/L	100

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

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