Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072220\
Data File : VU039629.D
Acq On : 22 Jul 2020 14:29
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Jul 23 01:31:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 23 01:28:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109901	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56990	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	24443	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.92	69	23340	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.58	63	56279	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.20%			
20) 2-Butanone-d5	4.66	46	126787	55.10	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.20%			
24) Chloroform-d	5.08	84	65244	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.72	65	40804	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.74	84	120241	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.70	67	40304	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.91	98	113132	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	8.19	79	17102	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.64	63	99607	53.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.42%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	40938	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50102	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	27641	5.142	ug/L	99
3) Chloromethane	1.53	50	29202	5.003	ug/L	97
5) Vinyl chloride	1.61	62	31574	5.042	ug/L	99
6) Bromomethane	1.87	94	18425	4.564	ug/L	99
8) Chloroethane	1.94	64	22660	4.377	ug/L	95
9) Trichlorofluoromethane	2.15	101	66192	5.004	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	29864	5.230	ug/L	95
12) 1,1-Dichloroethene	2.59	96	27187	5.231	ug/L	94
13) Acetone	2.67	43	69570	54.330	ug/L	67
14) Carbon disulfide	2.81	76	80046	5.119	ug/L	99
15) Methyl Acetate	2.97	43	17382	5.557	ug/L	97
16) Methylene chloride	3.06	84	33144	4.414	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	81499	4.934	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	30540	5.292	ug/L	92
19) 1,1-Dichloroethane	3.89	63	61412	5.189	ug/L	99
21) 2-Butanone	4.74	43	118388	53.373	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	34232	5.092	ug/L	93

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Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Jul 23 01:31:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 23 01:28:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	16521	5.292	ug/L		99
25) Chloroform	5.11	83	68470	5.074	ug/L		98
27) 1,2-Dichloroethane	5.81	62	46206	5.035	ug/L		96
29) 1,1,1-Trichloroethane	5.33	97	57213	4.866	ug/L		98
30) Cyclohexane	5.40	56	47837	4.619	ug/L		99
31) Carbon tetrachloride	5.54	117	46516	4.624	ug/L		96
33) Benzene	5.79	78	133463	4.991	ug/L		100
34) Trichloroethene	6.56	95	35914	4.877	ug/L		95
35) Methylcyclohexane	6.77	83	49779	4.601	ug/L		97
37) 1,2-Dichloropropane	6.80	63	35660	4.791	ug/L		99
38) Bromodichloromethane	7.12	83	47900	4.891	ug/L		97
39) cis-1,3-Dichloropropene	7.62	75	51363	4.804	ug/L		97
40) 4-Methyl-2-pentanone	7.80	43	291853	50.235	ug/L		99
42) Toluene	7.98	91	151728	5.183	ug/L		99
44) trans-1,3-Dichloropropene	8.22	75	47558	4.871	ug/L		100
45) 1,1,2-Trichloroethane	8.41	97	27480	4.863	ug/L		98
47) Tetrachloroethene	8.56	164	25323	5.027	ug/L		95
48) 2-Hexanone	8.69	43	218723	50.862	ug/L		100
49) Dibromochloromethane	8.82	129	34329	4.997	ug/L		100
50) 1,2-Dibromoethane	8.93	107	27565	4.979	ug/L		98
51) Chlorobenzene	9.45	112	96360	5.143	ug/L		96
52) Ethylbenzene	9.57	91	167236	5.022	ug/L		99
53) m,p-Xylene	9.70	106	62190	5.005	ug/L		99
54) o-Xylene	10.10	106	61540	5.071	ug/L		98
55) Styrene	10.11	104	107464	5.274	ug/L		99
56) Isopropylbenzene	10.48	105	168097	5.074	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.78	83	38011	5.203	ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	28323	5.188	ug/L		100
61) Bromoform	10.29	173	18923	4.689	ug/L		98
62) 1,3-Dichlorobenzene	11.74	146	78744	5.085	ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	79849	5.122	ug/L		99
65) 1,2-Dichlorobenzene	12.21	146	76603	5.122	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	6034	5.277	ug/L	#	83
67) 1,3,5-Trichlorobenzene	13.21	180	58328	5.234	ug/L		99
68) 1,2,4-trichlorobenzene	13.83	180	47240	5.162	ug/L		95
69) Naphthalene	14.08	128	75927	4.899	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	42628	5.242	ug/L		98

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

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