Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072020\
Data File : VU039584.D
Acq On : 20 Jul 2020 20:38
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Jul 21 06:07:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 21 06:02:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	90639	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	87824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42529	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	19665	3.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.80%			
7) Chloroethane-d5	1.92	69	29330	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.20%			
11) 1,1-Dichloroethene-d2	2.58	63	44677	4.32	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.40%			
20) 2-Butanone-d5	4.65	46	122564	50.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.98%			
24) Chloroform-d	5.08	84	60140	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
26) 1,2-Dichloroethane-d4	5.72	65	38406	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.40%			
32) Benzene-d6	5.75	84	106358	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.71	67	37231	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.91	98	91318	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	8.19	79	15863	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.64	63	94490	48.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.12%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	38129	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	39645	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	23385	4.257	ug/L	100
3) Chloromethane	1.53	50	29772	4.473	ug/L	99
5) Vinyl chloride	1.61	62	30122	4.076	ug/L	94
6) Bromomethane	1.87	94	24270	7.625	ug/L	94
8) Chloroethane	1.94	64	29305	5.488	ug/L	98
9) Trichlorofluoromethane	2.15	101	52583	4.097	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	22574	4.287	ug/L	98
12) 1,1-Dichloroethene	2.59	96	21853	4.054	ug/L	92
13) Acetone	2.66	43	58625	45.186	ug/L	97
14) Carbon disulfide	2.81	76	68698	3.618	ug/L	99
15) Methyl Acetate	2.97	43	15266	4.455	ug/L	97
16) Methylene chloride	3.06	84	32132	4.739	ug/L	89
17) Methyl tert-butyl Ether	3.38	73	81353	4.790	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	26858	4.501	ug/L	96
19) 1,1-Dichloroethane	3.89	63	57316	4.909	ug/L	96
21) 2-Butanone	4.73	43	111379	48.097	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	31837	4.758	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	15428	5.075	ug/L		96
25) Chloroform	5.11	83	64605	5.479	ug/L		99
27) 1,2-Dichloroethane	5.81	62	44521	5.220	ug/L		98
29) 1,1,1-Trichloroethane	5.34	97	50160	4.849	ug/L		97
30) Cyclohexane	5.41	56	40703	3.738	ug/L		99
31) Carbon tetrachloride	5.55	117	39466	4.472	ug/L		100
33) Benzene	5.79	78	121317	4.620	ug/L		100
34) Trichloroethene	6.56	95	31614	4.657	ug/L		97
35) Methylcyclohexane	6.78	83	40638	3.737	ug/L		98
37) 1,2-Dichloropropane	6.81	63	33872	4.732	ug/L		99
38) Bromodichloromethane	7.12	83	45458	4.973	ug/L		99
39) cis-1,3-Dichloropropene	7.62	75	47637	4.403	ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	268567	44.978	ug/L		99
42) Toluene	7.98	91	126684	4.506	ug/L		99
44) trans-1,3-Dichloropropene	8.22	75	43356	4.516	ug/L		97
45) 1,1,2-Trichloroethane	8.41	97	25706	5.000	ug/L		97
47) Tetrachloroethene	8.56	164	21297	4.510	ug/L		98
48) 2-Hexanone	8.69	43	198520	45.090	ug/L		99
49) Dibromochloromethane	8.82	129	31458	5.052	ug/L		95
50) 1,2-Dibromoethane	8.93	107	25177	4.820	ug/L	#	99
51) Chlorobenzene	9.45	112	78469	4.567	ug/L		99
52) Ethylbenzene	9.57	91	134704	4.335	ug/L		99
53) m,p-Xylene	9.70	106	49593	4.236	ug/L		98
54) o-Xylene	10.10	106	49319	4.327	ug/L		95
55) Styrene	10.11	104	85816	4.327	ug/L		98
56) Isopropylbenzene	10.48	105	127241	4.128	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.78	83	33690	4.708	ug/L		96
59) 1,2,3-Trichloropropane	10.82	75	25262	4.789	ug/L		98
61) Bromoform	10.29	173	17533	4.891	ug/L		97
62) 1,3-Dichlorobenzene	11.74	146	59878	4.493	ug/L		98
63) 1,4-Dichlorobenzene	11.83	146	60435	4.520	ug/L		99
65) 1,2-Dichlorobenzene	12.21	146	60548	4.532	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.99	75	5611	4.754	ug/L	#	88
67) 1,3,5-Trichlorobenzene	13.21	180	43994	4.411	ug/L		97
68) 1,2,4-trichlorobenzene	13.83	180	37855	4.436	ug/L		93
69) Naphthalene	14.08	128	64155	3.736	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	34940	4.418	ug/L		98

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

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