Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100520\
Data File : VU040520.D
Acq On : 05 Oct 2020 19:23
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00513

Quant Time: Oct 06 07:55:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 06 07:45:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125278	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65812	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29401	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.92	69	24674	4.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.80%			
11) 1,1-Dichloroethene-d2	2.58	63	69836	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	4.65	46	126724	41.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.26%			
24) Chloroform-d	5.08	84	67035	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.72	65	40276	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
32) Benzene-d6	5.75	84	121609	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.70	67	42137	4.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.00%			
41) Toluene-d8	7.91	98	113184	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
43) trans-1,3-Dichloropropene-	8.19	79	17190	4.65	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.00%			
46) 2-Hexanone-d5	8.64	63	91107	41.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.84%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37417	4.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	43951	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	56219	4.475	ug/L	99
3) Chloromethane	1.53	50	50917	4.133	ug/L	100
5) Vinyl chloride	1.61	62	52501	4.335	ug/L	97
6) Bromomethane	1.87	94	21516	3.654	ug/L	99
8) Chloroethane	1.94	64	32164	4.482	ug/L	99
9) Trichlorofluoromethane	2.15	101	75962	4.547	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	47245	4.429	ug/L	96
12) 1,1-Dichloroethene	2.59	96	43639	4.574	ug/L	94
13) Acetone	2.66	43	114045	44.423	ug/L	92
14) Carbon disulfide	2.81	76	123053	4.081	ug/L	99
15) Methyl Acetate	2.97	43	26402	4.270	ug/L	100
16) Methylene chloride	3.06	84	52249	4.360	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	118653	4.514	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	43622	4.422	ug/L	96
19) 1,1-Dichloroethane	3.89	63	96452	4.764	ug/L	99
21) 2-Butanone	4.73	43	185895	45.113	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	49885	4.571	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	23611	4.725	ug/L	98
25) Chloroform	5.11	83	98724	4.780	ug/L	97
27) 1,2-Dichloroethane	5.81	62	67463	4.717	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	81452	4.844	ug/L	99
30) Cyclohexane	5.41	56	76292	4.385	ug/L	99
31) Carbon tetrachloride	5.54	117	70340	4.878	ug/L	97
33) Benzene	5.79	78	195752	4.743	ug/L	100
34) Trichloroethene	6.56	95	50482	4.607	ug/L	94
35) Methylcyclohexane	6.77	83	69106	4.300	ug/L	100
37) 1,2-Dichloropropane	6.80	63	54945	4.780	ug/L	99
38) Bromodichloromethane	7.12	83	69186	4.875	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	71103	4.612	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	432511	48.051	ug/L	100
42) Toluene	7.98	91	203760	4.814	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	66033	4.646	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	39364	4.886	ug/L	98
47) Tetrachloroethene	8.56	164	36624	4.708	ug/L	94
48) 2-Hexanone	8.69	43	317722	47.903	ug/L	100
49) Dibromochloromethane	8.82	129	45304	4.834	ug/L	97
50) 1,2-Dibromoethane	8.93	107	37167	4.809	ug/L	94
51) Chlorobenzene	9.45	112	130964	4.786	ug/L	99
52) Ethylbenzene	9.57	91	214600	4.673	ug/L	99
53) m,p-Xylene	9.70	106	79259	4.633	ug/L	99
54) o-Xylene	10.10	106	76983	4.783	ug/L	99
55) Styrene	10.11	104	138651	4.939	ug/L	98
56) Isopropylbenzene	10.48	105	209116	4.815	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	52338	4.793	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	39537	4.746	ug/L	99
61) Bromoform	10.29	173	25657	4.717	ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	103271	4.740	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	105573	4.658	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	98549	4.653	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	8519	4.462	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	69146	4.445	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	56741	4.540	ug/L	98
69) Naphthalene	14.08	128	90737	4.248	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	53165	4.649	ug/L	98

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

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