Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081320\
Data File : VU039857.D
Acq On : 13 Aug 2020 17:40
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00520

Quant Time: Aug 14 04:09:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 14 01:47:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	70766	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	70209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39182	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17814	4.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.20%			
7) Chloroethane-d5	1.92	69	19589	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.58	63	41539	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.00%			
20) 2-Butanone-d5	4.65	46	86348	51.38	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.76%			
24) Chloroform-d	5.08	84	41076	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	5.72	65	27421	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.75	84	79231	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
36) 1,2-Dichloropropane-d6	6.70	67	26425	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.40%			
41) Toluene-d8	7.91	98	69255	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	8.18	79	11109	5.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.20%			
46) 2-Hexanone-d5	8.64	63	60849	51.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.54%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26480	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	31061	4.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	30462	5.338	ug/L	98
3) Chloromethane	1.53	50	32030	5.337	ug/L	97
5) Vinyl chloride	1.61	62	31885	5.542	ug/L	98
6) Bromomethane	1.86	94	15016	4.124	ug/L	91
8) Chloroethane	1.94	64	21902	5.191	ug/L	98
9) Trichlorofluoromethane	2.15	101	44396	4.961	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	27980	5.763	ug/L	96
12) 1,1-Dichloroethene	2.59	96	25834	6.120	ug/L	96
13) Acetone	2.66	43	53763	54.261	ug/L	98
14) Carbon disulfide	2.81	76	85256	6.459	ug/L	97
15) Methyl Acetate	2.97	43	13916	5.695	ug/L	98
16) Methylene chloride	3.06	84	29462	4.329	ug/L	95
17) Methyl tert-butyl Ether	3.38	73	60226	5.373	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	26199	5.575	ug/L	97
19) 1,1-Dichloroethane	3.89	63	48885	5.634	ug/L	97
21) 2-Butanone	4.73	43	89995	57.636	ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	27696	5.418	ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	12863	5.358	ug/L	89
25) Chloroform	5.11	83	53965	5.786	ug/L	94
27) 1,2-Dichloroethane	5.81	62	35100	5.461	ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	44220	5.646	ug/L	98
30) Cyclohexane	5.41	56	44079	5.849	ug/L	97
31) Carbon tetrachloride	5.54	117	38539	5.363	ug/L	96
33) Benzene	5.79	78	109005	5.698	ug/L	100
34) Trichloroethene	6.56	95	28144	5.665	ug/L	92
35) Methylcyclohexane	6.77	83	43893	5.535	ug/L	94
37) 1,2-Dichloropropane	6.80	63	27963	5.504	ug/L	98
38) Bromodichloromethane	7.12	83	36692	5.520	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	39030	5.633	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	214155	56.404	ug/L	99
42) Toluene	7.98	91	110181	5.481	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	34678	5.555	ug/L	93
45) 1,1,2-Trichloroethane	8.41	97	20680	5.411	ug/L	88
47) Tetrachloroethene	8.56	164	20762	5.066	ug/L	94
48) 2-Hexanone	8.69	43	158732	57.895	ug/L	98
49) Dibromochloromethane	8.82	129	24656	5.257	ug/L	100
50) 1,2-Dibromoethane	8.93	107	20038	5.347	ug/L	96
51) Chlorobenzene	9.45	112	72153	5.341	ug/L	97
52) Ethylbenzene	9.57	91	121075	5.381	ug/L	97
53) m,p-Xylene	9.70	106	47564	5.551	ug/L	92
54) o-Xylene	10.10	106	46122	5.498	ug/L	93
55) Styrene	10.11	104	77298	5.472	ug/L	98
56) Isopropylbenzene	10.48	105	121347	5.412	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	27880	5.303	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	18834	5.139	ug/L	95
61) Bromoform	10.29	173	14103	5.327	ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	60403	5.267	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	60864	5.035	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	56795	5.027	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	4388	5.137	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	42372	4.875	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	36635	5.030	ug/L	96
69) Naphthalene	14.08	128	60358	4.635	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	32109	4.914	ug/L	97

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

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