Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082520\
Data File : VU039975.D
Acq On : 25 Aug 2020 18:33
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Aug 26 03:46:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 26 03:42:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68387	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36037	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	25527	4.28	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.60%			
7) Chloroethane-d5	1.92	69	22885	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.58	63	58535	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.40%			
20) 2-Butanone-d5	4.66	46	89219	46.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.48%			
24) Chloroform-d	5.08	84	55765	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.40%			
26) 1,2-Dichloroethane-d4	5.72	65	32557	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.75	84	104903	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.20%			
36) 1,2-Dichloropropane-d6	6.70	67	34291	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.91	98	92592	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
43) trans-1,3-Dichloropropene-	8.19	79	13830	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
46) 2-Hexanone-d5	8.64	63	65135	46.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.02%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26234	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	36307	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	38266	5.383	ug/L	96
3) Chloromethane	1.53	50	35277	4.387	ug/L	96
5) Vinyl chloride	1.61	62	36512	4.799	ug/L	96
6) Bromomethane	1.86	94	15322	3.527	ug/L	99
8) Chloroethane	1.94	64	22218	4.566	ug/L	100
9) Trichlorofluoromethane	2.15	101	59625	5.239	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	32181	5.140	ug/L	94
12) 1,1-Dichloroethene	2.59	96	29672	4.961	ug/L	87
13) Acetone	2.67	43	63644	48.791	ug/L #	51
14) Carbon disulfide	2.81	76	90808	4.698	ug/L	99
15) Methyl Acetate	2.97	43	15204	4.541	ug/L	97
16) Methylene chloride	3.06	84	33860	4.117	ug/L	98
17) Methyl tert-butyl Ether	3.39	73	79575	5.276	ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	30876	4.971	ug/L	86
19) 1,1-Dichloroethane	3.89	63	62502	5.427	ug/L	95
21) 2-Butanone	4.74	43	104527	46.118	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	33835	5.203	ug/L	89

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Time: Aug 26 03:46:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 26 03:42:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	15515	5.072	ug/L		94
25) Chloroform	5.11	83	65895	5.645	ug/L		98
27) 1,2-Dichloroethane	5.81	62	44969	5.490	ug/L		95
29) 1,1,1-Trichloroethane	5.34	97	58212	5.910	ug/L		99
30) Cyclohexane	5.41	56	51312	5.262	ug/L		97
31) Carbon tetrachloride	5.54	117	49925	5.741	ug/L		96
33) Benzene	5.79	78	131995	5.424	ug/L		100
34) Trichloroethene	6.56	95	34018	5.387	ug/L		92
35) Methylcyclohexane	6.77	83	50229	5.192	ug/L		96
37) 1,2-Dichloropropane	6.80	63	35873	5.547	ug/L		97
38) Bromodichloromethane	7.11	83	46380	5.644	ug/L		99
39) cis-1,3-Dichloropropene	7.62	75	47954	5.306	ug/L		100
40) 4-Methyl-2-pentanone	7.80	43	251451	49.100	ug/L		98
42) Toluene	7.98	91	134785	5.416	ug/L		97
44) trans-1,3-Dichloropropene	8.22	75	44051	5.187	ug/L		95
45) 1,1,2-Trichloroethane	8.41	97	24724	5.032	ug/L		95
47) Tetrachloroethene	8.56	164	25949	5.570	ug/L		91
48) 2-Hexanone	8.69	43	182235	49.656	ug/L		97
49) Dibromochloromethane	8.82	129	29318	4.998	ug/L		95
50) 1,2-Dibromoethane	8.93	107	23382	4.997	ug/L	#	98
51) Chlorobenzene	9.45	112	84006	5.170	ug/L		93
52) Ethylbenzene	9.57	91	144457	5.337	ug/L		99
53) m,p-Xylene	9.70	106	55079	5.301	ug/L		98
54) o-Xylene	10.10	106	53153	5.412	ug/L		93
55) Styrene	10.11	104	92191	5.415	ug/L		97
56) Isopropylbenzene	10.48	105	140171	5.324	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	30032	4.734	ug/L		99
59) 1,2,3-Trichloropropane	10.82	75	22040	4.757	ug/L		98
61) Bromoform	10.29	173	17040	5.369	ug/L		97
62) 1,3-Dichlorobenzene	11.74	146	68493	5.133	ug/L		100
63) 1,4-Dichlorobenzene	11.83	146	69143	5.090	ug/L		98
65) 1,2-Dichlorobenzene	12.21	146	65316	5.072	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	5536	5.257	ug/L		88
67) 1,3,5-Trichlorobenzene	13.21	180	52363	5.284	ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	45286	5.357	ug/L		99
69) Naphthalene	14.08	128	74047	4.742	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	41218	5.218	ug/L		97

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

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