Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081718\
Data File : VU026185.D
Acq On : 17 Aug 2018 17:47
Operator : MD/SY
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV45

Quant Time: Aug 18 01:25:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 18 01:24:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	144720	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	140099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	73558	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	40529	5.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.00%			
7) Chloroethane-d5	1.68	69	31551	5.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.60%			
11) 1,1-Dichloroethene-d2	2.28	63	80211	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.20%			
20) 2-Butanone-d5	4.20	46	113174	51.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.72%			
24) Chloroform-d	4.65	84	82743	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.32	65	48768	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	5.34	84	170473	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
36) 1,2-Dichloropropane-d6	6.34	67	54212	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.57	98	165771	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
43) trans-1,3-Dichloropropene-	7.85	79	21901	5.23	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.60%			
46) 2-Hexanone-d5	8.32	63	93107	53.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.70%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	43606	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	65597	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	65465	5.00	ug/L	98
3) Chloromethane	1.33	50	62077	5.03	ug/L	98
5) Vinyl chloride	1.41	62	59538	5.00	ug/L	98
6) Bromomethane	1.63	94	33959	5.22	ug/L	97
8) Chloroethane	1.70	64	33685	4.97	ug/L	95
9) Trichlorofluoromethane	1.89	101	84240	4.97	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	46172	5.06	ug/L	97
12) 1,1-Dichloroethene	2.29	96	41765	4.96	ug/L	95
13) Acetone	2.32	43	67489	46.70	ug/L	96
14) Carbon disulfide	2.48	76	148550	4.99	ug/L	100
15) Methyl Acetate	2.62	43	20018	5.14	ug/L	100
16) Methylene chloride	2.70	84	46286	4.64	ug/L	97
17) Methyl tert-butyl Ether	3.00	73	104332	5.05	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	46406	5.01	ug/L	93
19) 1,1-Dichloroethane	3.45	63	86926	5.00	ug/L	97
21) 2-Butanone	4.28	43	129961	51.23	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	57551	5.00	ug/L	97

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Acq On : 17 Aug 2018 17:47
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Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV45

Quant Time: Aug 18 01:25:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	25362	4.88	ug/L		95
25) Chloroform	4.68	83	110905	5.23	ug/L		99
27) 1,2-Dichloroethane	5.41	62	63789	5.07	ug/L		99
29) 1,1,1-Trichloroethane	4.92	97	90154	4.97	ug/L		100
30) Cyclohexane	5.00	56	80056	5.18	ug/L		98
31) Carbon tetrachloride	5.14	117	82523	5.00	ug/L		97
33) Benzene	5.39	78	210055	5.17	ug/L		100
34) Trichloroethene	6.19	95	55775	5.09	ug/L		99
35) Methylcyclohexane	6.42	83	84554	5.21	ug/L		98
37) 1,2-Dichloropropane	6.44	63	54134	4.95	ug/L	#	93
38) Bromodichloromethane	6.76	83	71505	5.16	ug/L		98
39) cis-1,3-Dichloropropene	7.27	75	75533	5.28	ug/L		96
40) 4-Methyl-2-pentanone	7.47	43	309115	52.60	ug/L		99
42) Toluene	7.64	91	226000	5.27	ug/L		98
44) trans-1,3-Dichloropropene	7.89	75	63294	5.13	ug/L		99
45) 1,1,2-Trichloroethane	8.07	97	36985	4.94	ug/L		96
47) Tetrachloroethene	8.23	164	48259	5.04	ug/L		98
48) 2-Hexanone	8.37	43	228783	55.78	ug/L		98
49) Dibromochloromethane	8.48	129	50386	5.12	ug/L		95
50) 1,2-Dibromoethane	8.59	107	36117	5.07	ug/L	#	100
51) Chlorobenzene	9.12	112	147454	5.12	ug/L		99
52) Ethylbenzene	9.25	91	234359	5.18	ug/L		98
53) m,p-xylene	9.38	106	93336	5.37	ug/L		100
54) o-xylene	9.78	106	87290	5.25	ug/L		99
55) Styrene	9.80	104	154456	5.46	ug/L		100
56) Isopropylbenzene	10.17	105	234093	5.32	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	48311	5.26	ug/L		98
59) 1,2,3-Trichloropropane	10.50	75	33471	5.06	ug/L		91
61) Bromoform	9.96	173	28921	5.14	ug/L		100
62) 1,3-Dichlorobenzene	11.42	146	116684	5.06	ug/L		99
63) 1,4-Dichlorobenzene	11.51	146	121838	5.01	ug/L		99
65) 1,2-Dichlorobenzene	11.88	146	114278	5.00	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.66	75	7559	4.81	ug/L		96
67) 1,3,5-Trichlorobenzene	12.89	180	94821	5.28	ug/L		99
68) 1,2,4-trichlorobenzene	13.51	180	75266	5.42	ug/L		100
69) Naphthalene	13.75	128	121709	5.88	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	75815	5.72	ug/L		98

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

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