Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083119\
Data File : VN057590.D
Acq On : 30 Aug 2019 15:41
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/31/2019 11:28:38 AM

Quant Time: Aug 31 00:58:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	463102	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	721446	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	714147	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358547	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.02	65	360907	47.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.22%				
35) Dibromofluoromethane	7.58	113	290068	44.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.96%				
50) Toluene-d8	10.08	98	1162819	50.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.96%				
62) 4-Bromofluorobenzene	12.40	95	415217	54.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	242726	46.645	ug/l		97
3) Chloromethane	2.06	50	224807	43.270	ug/l		96
4) Vinyl Chloride	2.18	62	354327	46.228	ug/l		100
5) Bromomethane	2.54	94	343002	51.968	ug/l		99
6) Chloroethane	2.69	64	247439	48.150	ug/l		97
7) Trichlorofluoromethane	3.01	101	805710	50.608	ug/l		99
8) Diethyl Ether	3.40	74	248711	47.018	ug/l		68
9) 1,1,2-Trichlorotrifluoroet	3.73	101	481087	51.597	ug/l	#	84
10) Methyl Iodide	3.93	142	775888	50.836	ug/l		94
11) Tert butyl alcohol	4.80	59	160627	214.888	ug/l		98
12) 1,1-Dichloroethene	3.72	96	444627	50.673	ug/l	#	71
13) Acrolein	3.59	56	136162	212.738	ug/l		100
14) Allyl chloride	4.30	41	296482	46.162	ug/l	#	81
15) Acrylonitrile	4.97	53	433121	234.021	ug/l		100
16) Acetone	3.81	43	885503	289.009	ug/l		94
17) Carbon Disulfide	4.02	76	475499	39.641	ug/l		99
18) Methyl Acetate	4.31	43	213137	50.629	ug/l	#	91
19) Methyl tert-butyl Ether	5.03	73	747211	44.704	ug/l		92
20) Methylene Chloride	4.53	84	235862	41.555	ug/l	#	83
21) trans-1,2-Dichloroethene	5.01	96	242722	44.221	ug/l		86
22) Diisopropyl ether	5.94	45	715767	49.713	ug/l	#	93
23) Vinyl Acetate	5.88	43	2902972	258.024	ug/l	#	91
24) 1,1-Dichloroethane	5.83	63	448192	47.275	ug/l		97
25) 2-Butanone	6.83	43	642733	265.764	ug/l	#	84
26) 2,2-Dichloropropane	6.81	77	440973	45.557	ug/l		97
27) cis-1,2-Dichloroethene	6.81	96	308291	46.377	ug/l		84
28) Bromochloromethane	7.18	49	212479	53.317	ug/l	#	55
29) Tetrahydrofuran	7.20	42	378759	250.431	ug/l	#	79
30) Chloroform	7.36	83	533606	45.355	ug/l		98
31) Cyclohexane	7.64	56	411552	46.743	ug/l	#	85
32) 1,1,1-Trichloroethane	7.55	97	500934	47.898	ug/l		95
36) 1,1-Dichloropropene	7.78	75	384845	49.312	ug/l		95
37) Ethyl Acetate	6.92	43	250537	48.452	ug/l	#	93
38) Carbon Tetrachloride	7.76	117	419049	45.917	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	497587	50.111	ug/l		88
40) Benzene	8.03	78	1148950	48.073	ug/l		99
41) Methacrylonitrile	7.16	41	113516	48.033	ug/l	#	85
42) 1,2-Dichloroethane	8.11	62	431017	50.667	ug/l		98
43) Isopropyl Acetate	8.16	43	476705	49.392	ug/l	#	92
44) Trichloroethene	8.82	130	327281	49.589	ug/l		84
45) 1,2-Dichloropropane	9.11	63	280494	50.224	ug/l		99
46) Dibromomethane	9.20	93	214664	49.016	ug/l	#	88
47) Bromodichloromethane	9.40	83	437727	48.481	ug/l		99
48) Methyl methacrylate	9.19	41	221037	48.491	ug/l	#	79
49) 1,4-Dioxane	9.20	88	83030	998.126	ug/l	#	79
51) 4-Methyl-2-Pentanone	9.98	43	1367412	265.089	ug/l		91
52) Toluene	10.15	92	790104	51.027	ug/l		98
53) t-1,3-Dichloropropene	10.38	75	442264	50.687	ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	469278	49.656	ug/l		90
55) 1,1,2-Trichloroethane	10.56	97	296869	49.850	ug/l		97
56) Ethyl methacrylate	10.43	69	413253	52.135	ug/l	#	81
57) 1,3-Dichloropropane	10.70	76	482670	50.736	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.69	63	544702	292.897	ug/l	#	84
59) 2-Hexanone	10.75	43	982074	275.758	ug/l		88
60) Dibromochloromethane	10.90	129	362192	53.319	ug/l		98
61) 1,2-Dibromoethane	11.00	107	328355	52.690	ug/l		96
64) Tetrachloroethene	10.63	164	328144	44.738	ug/l		93
65) Chlorobenzene	11.43	112	897360	50.061	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	337173	47.695	ug/l		97
67) Ethyl Benzene	11.51	91	1637692	52.026	ug/l		97
68) m/p-Xylenes	11.62	106	1270443	105.967	ug/l		90
69) o-Xylene	11.95	106	609932	50.660	ug/l		93
70) Styrene	11.96	104	1010200	55.588	ug/l		94
71) Bromoform	12.13	173	224541	47.582	ug/l	#	99
73) Isopropylbenzene	12.25	105	1676762	50.587	ug/l		97
74) N-amyl acetate	12.07	43	403409	52.830	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	12.51	83	384045	52.216	ug/l		96
76) 1,2,3-Trichloropropane	12.55	75	331377m	50.262	ug/l		
77) Bromobenzene	12.53	156	385755	43.612	ug/l		72
78) n-propylbenzene	12.59	91	1799117	47.466	ug/l		95
79) 2-Chlorotoluene	12.68	91	1058878	44.849	ug/l		91
80) 1,3,5-Trimethylbenzene	12.73	105	1416087	47.164	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.30	75	106550	44.684	ug/l		94
82) 4-Chlorotoluene	12.77	91	1064076	48.577	ug/l		91
83) tert-Butylbenzene	12.99	119	1235798	54.425	ug/l		92
84) 1,2,4-Trimethylbenzene	13.04	105	1396222	50.844	ug/l		98
85) sec-Butylbenzene	13.17	105	1609537	48.771	ug/l		98
86) p-Isopropyltoluene	13.29	119	1437896	50.691	ug/l		95
87) 1,3-Dichlorobenzene	13.28	146	650058	50.605	ug/l		96
88) 1,4-Dichlorobenzene	13.37	146	625509	50.778	ug/l		96
89) n-Butylbenzene	13.62	91	1139312	53.021	ug/l		97
90) Hexachloroethane	13.88	117	239278	40.086	ug/l		85
91) 1,2-Dichlorobenzene	13.66	146	621722	51.857	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61235	45.530	ug/l		72

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	225497	45.703	ug/l	98
94) Hexachlorobutadiene	15.01	225	185760	47.013	ug/l	100
95) Naphthalene	15.13	128	644929	54.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	218159	53.841	ug/l	98

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

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