Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012820\
Data File : VN059898.D
Acq On : 28 Jan 2020 17:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
1/29/2020 11:04:25 AM

Quant Time: Jan 28 23:04:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.64	168	197659	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	310480	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.40	117	286669	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141830	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.00	65	112737	51.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.72%				
35) Dibromofluoromethane	7.56	113	95761	51.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.44%				
50) Toluene-d8	10.08	98	351269	48.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.94%				
62) 4-Bromofluorobenzene	12.40	95	132845	51.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	105687	45.302	ug/l		99
3) Chloromethane	2.04	50	99861	44.129	ug/l		99
4) Vinyl Chloride	2.17	62	128102	49.476	ug/l		98
5) Bromomethane	2.53	94	80646	51.038	ug/l		99
6) Chloroethane	2.68	64	62393	50.935	ug/l		97
7) Trichlorofluoromethane	3.00	101	158957	51.120	ug/l		100
8) Diethyl Ether	3.38	74	60464	55.408	ug/l		80
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91441	52.837	ug/l		92
10) Methyl Iodide	3.93	142	147535	52.741	ug/l		95
11) Tert butyl alcohol	4.73	59	87089	235.678	ug/l		99
12) 1,1-Dichloroethene	3.72	96	88899	49.160	ug/l		88
13) Acrolein	3.58	56	76826	293.701	ug/l		97
14) Allyl chloride	4.29	41	123793	50.788	ug/l	#	88
15) Acrylonitrile	4.94	53	230311	273.231	ug/l		99
16) Acetone	3.78	43	229563	308.990	ug/l		96
17) Carbon Disulfide	4.03	76	217695	42.259	ug/l		99
18) Methyl Acetate	4.28	43	139222	54.299	ug/l	#	89
19) Methyl tert-butyl Ether	5.00	73	329774	55.931	ug/l		95
20) Methylene Chloride	4.52	84	104628	52.756	ug/l		89
21) trans-1,2-Dichloroethene	5.01	96	95577	49.721	ug/l		88
22) Diisopropyl ether	5.91	45	293717	53.173	ug/l	#	94
23) Vinyl Acetate	5.86	43	1153706	269.763	ug/l	#	94
24) 1,1-Dichloroethane	5.82	63	174715	51.765	ug/l		98
25) 2-Butanone	6.80	43	311778	250.818	ug/l		91
26) 2,2-Dichloropropane	6.80	77	164996	50.849	ug/l		94
27) cis-1,2-Dichloroethene	6.80	96	116564	52.721	ug/l		88
28) Bromochloromethane	7.17	49	68511	50.787	ug/l	#	70
29) Tetrahydrofuran	7.18	42	191386	248.845	ug/l	#	86
30) Chloroform	7.35	83	191091	54.643	ug/l		98
31) Cyclohexane	7.63	56	139647	42.998	ug/l		89
32) 1,1,1-Trichloroethane	7.55	97	169764	52.503	ug/l		95
36) 1,1-Dichloropropene	7.77	75	130958	48.435	ug/l		95
37) Ethyl Acetate	6.90	43	127341	50.215	ug/l	#	96
38) Carbon Tetrachloride	7.75	117	151380	51.470	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.06	83	148896	44.662	ug/l		90
40) Benzene	8.02	78	403021	49.980	ug/l		100
41) Methacrylonitrile	7.14	41	53414m	42.763	ug/l		
42) 1,2-Dichloroethane	8.10	62	149217	54.578	ug/l		96
43) Isopropyl Acetate	8.14	43	225974	51.807	ug/l	#	95
44) Trichloroethene	8.82	130	120463	54.724	ug/l		90
45) 1,2-Dichloropropane	9.10	63	105204	52.725	ug/l		99
46) Dibromomethane	9.19	93	77030	54.727	ug/l	#	90
47) Bromodichloromethane	9.39	83	157113	55.391	ug/l		99
48) Methyl methacrylate	9.18	41	101000	51.767	ug/l		91
49) 1,4-Dioxane	9.18	88	36735	1028.511	ug/l		90
51) 4-Methyl-2-Pentanone	9.97	43	646973	256.587	ug/l		94
52) Toluene	10.14	92	263306	51.696	ug/l		100
53) t-1,3-Dichloropropene	10.37	75	176310	55.669	ug/l		98
54) cis-1,3-Dichloropropene	9.82	75	185137	55.557	ug/l		92
55) 1,1,2-Trichloroethane	10.55	97	112548	55.792	ug/l		95
56) Ethyl methacrylate	10.42	69	165185	53.590	ug/l		91
57) 1,3-Dichloropropane	10.70	76	178360	55.691	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.68	63	318948	343.536	ug/l	#	90
59) 2-Hexanone	10.74	43	474858	255.634	ug/l		93
60) Dibromochloromethane	10.89	129	131673	57.319	ug/l		98
61) 1,2-Dibromoethane	10.99	107	118126	55.869	ug/l		100
64) Tetrachloroethene	10.62	164	119262	51.046	ug/l		95
65) Chlorobenzene	11.43	112	299498	53.153	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.50	131	119548	54.909	ug/l		99
67) Ethyl Benzene	11.50	91	521478	50.983	ug/l		97
68) m/p-Xylenes	11.62	106	396205	102.544	ug/l		94
69) o-Xylene	11.94	106	194522	51.425	ug/l		95
70) Styrene	11.96	104	334455	52.839	ug/l		97
71) Bromoform	12.12	173	102861	58.981	ug/l	#	99
73) Isopropylbenzene	12.25	105	516248	49.631	ug/l		98
74) N-amyl acetate	12.06	43	200642	49.711	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.50	83	155821	51.674	ug/l		98
76) 1,2,3-Trichloropropane	12.55	75	143839m	60.263	ug/l		
77) Bromobenzene	12.52	156	146439	55.593	ug/l		76
78) n-propylbenzene	12.59	91	580494	49.721	ug/l		97
79) 2-Chlorotoluene	12.67	91	347459	50.027	ug/l		95
80) 1,3,5-Trimethylbenzene	12.73	105	432105	49.396	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.29	75	57624	51.846	ug/l		93
82) 4-Chlorotoluene	12.77	91	359075	51.544	ug/l		95
83) tert-Butylbenzene	12.99	119	363554	48.052	ug/l		94
84) 1,2,4-Trimethylbenzene	13.04	105	436616	50.450	ug/l		98
85) sec-Butylbenzene	13.17	105	475921	47.878	ug/l		98
86) p-Isopropyltoluene	13.28	119	443960	48.268	ug/l		97
87) 1,3-Dichlorobenzene	13.28	146	243122	53.134	ug/l		98
88) 1,4-Dichlorobenzene	13.36	146	242402	53.104	ug/l		97
89) n-Butylbenzene	13.61	91	381457	48.641	ug/l		98
90) Hexachloroethane	13.87	117	84188	48.921	ug/l		88
91) 1,2-Dichlorobenzene	13.65	146	241127	53.306	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33020	51.062	ug/l		78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143302	52.722	ug/l	99
94) Hexachlorobutadiene	15.01	225	66345	44.294	ug/l	99
95) Naphthalene	15.13	128	417119	53.952	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	137605	52.011	ug/l	99

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

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