Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090320\
Data File : VN063208.D
Acq On : 3 Sep 2020 10:00
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Manual Integrations APPROVED
MMDadoda
9/4/2020 11:14:40 AM

Quant Time: Sep 04 04:13:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.62	168	417712	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	750618	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	694601	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329781	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	305284	44.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.42%				
35) Dibromofluoromethane	7.55	113	223118	46.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.66%				
50) Toluene-d8	10.06	98	878766	47.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.82%				
62) 4-Bromofluorobenzene	12.38	95	310564	47.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	191023	46.435	ug/l		97
3) Chloromethane	2.04	50	254022	42.406	ug/l		98
4) Vinyl Chloride	2.17	62	293749	44.393	ug/l		99
5) Bromomethane	2.53	94	271416	48.729	ug/l		100
6) Chloroethane	2.67	64	254247	48.325	ug/l		97
7) Trichlorofluoromethane	2.98	101	475345	52.245	ug/l		97
8) Diethyl Ether	3.37	74	139665	44.114	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	222076	49.376	ug/l		98
10) Methyl Iodide	3.91	142	268252	43.731	ug/l		100
11) Tert butyl alcohol	4.73	59	187115	223.240	ug/l		98
12) 1,1-Dichloroethene	3.69	96	215629	47.050	ug/l		96
13) Acrolein	3.57	56	82616	258.334	ug/l		95
14) Allyl chloride	4.27	41	394976	48.527	ug/l		97
15) Acrylonitrile	4.93	53	533454	227.430	ug/l		100
16) Acetone	3.77	43	501120	258.162	ug/l		98
17) Carbon Disulfide	4.01	76	610084	44.725	ug/l		99
18) Methyl Acetate	4.27	43	253038	50.840	ug/l		99
19) Methyl tert-butyl Ether	4.98	73	799059	47.000	ug/l		99
20) Methylene Chloride	4.50	84	251855	46.105	ug/l		92
21) trans-1,2-Dichloroethene	4.99	96	243623	48.116	ug/l		93
22) Diisopropyl ether	5.90	45	861628	47.239	ug/l		96
23) Vinyl Acetate	5.84	43	3601918	247.492	ug/l		100
24) 1,1-Dichloroethane	5.79	63	472302	46.971	ug/l		99
25) 2-Butanone	6.78	43	771848	256.802	ug/l		98
26) 2,2-Dichloropropane	6.77	77	439447	48.237	ug/l		99
27) cis-1,2-Dichloroethene	6.78	96	294522	47.856	ug/l		98
28) Bromochloromethane	7.14	49	237765	45.260	ug/l		99
29) Tetrahydrofuran	7.16	42	492080	236.776	ug/l		98
30) Chloroform	7.32	83	504456	47.952	ug/l		98
31) Cyclohexane	7.61	56	407788	45.876	ug/l		99
32) 1,1,1-Trichloroethane	7.52	97	445587	49.154	ug/l		100
36) 1,1-Dichloropropene	7.75	75	371307	51.456	ug/l		99
37) Ethyl Acetate	6.88	43	334039	49.031	ug/l	#	96
38) Carbon Tetrachloride	7.73	117	373676	51.062	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.05	83	415462	51.249	ug/l		99
40) Benzene	8.00	78	1078929	50.880	ug/l		100
41) Methacrylonitrile	7.12	41	149457	49.164	ug/l		93
42) 1,2-Dichloroethane	8.08	62	409056	51.641	ug/l		100
43) Isopropyl Acetate	8.12	43	601397	51.103	ug/l		100
44) Trichloroethene	8.80	130	279680	54.375	ug/l		99
45) 1,2-Dichloropropane	9.08	63	278737	49.646	ug/l		96
46) Dibromomethane	9.17	93	194414	52.252	ug/l		99
47) Bromodichloromethane	9.37	83	412657	51.743	ug/l		99
48) Methyl methacrylate	9.16	41	273500	51.553	ug/l		95
49) 1,4-Dioxane	9.17	88	81248	990.158	ug/l		97
51) 4-Methyl-2-Pentanone	9.95	43	1709351	267.295	ug/l		99
52) Toluene	10.12	92	695256	52.633	ug/l		98
53) t-1,3-Dichloropropene	10.35	75	435552	49.928	ug/l		97
54) cis-1,3-Dichloropropene	9.81	75	469082	51.226	ug/l		96
55) 1,1,2-Trichloroethane	10.53	97	264388	52.262	ug/l		99
56) Ethyl methacrylate	10.40	69	396515	51.503	ug/l		100
57) 1,3-Dichloropropane	10.68	76	460085	51.051	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.66	63	980928	246.048	ug/l		100
59) 2-Hexanone	10.72	43	1271926	283.008	ug/l		99
60) Dibromochloromethane	10.87	129	293634	52.501	ug/l		100
61) 1,2-Dibromoethane	10.98	107	267610	50.887	ug/l		96
64) Tetrachloroethene	10.60	164	280940	56.324	ug/l		98
65) Chlorobenzene	11.41	112	703212	50.265	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.48	131	265680	51.149	ug/l		98
67) Ethyl Benzene	11.48	91	1338759	52.455	ug/l		100
68) m/p-Xylenes	11.59	106	998240	105.606	ug/l		99
69) o-Xylene	11.92	106	476738	52.208	ug/l		99
70) Styrene	11.94	104	818001	52.124	ug/l		100
71) Bromoform	12.10	173	179061	50.797	ug/l	#	98
73) Isopropylbenzene	12.23	105	1287420	50.899	ug/l		100
74) N-amyl acetate	12.04	43	534060	50.974	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.48	83	344366	47.223	ug/l		100
76) 1,2,3-Trichloropropane	12.53	75	326343m	50.365	ug/l		
77) Bromobenzene	12.50	156	287153	50.198	ug/l		96
78) n-propylbenzene	12.57	91	1547641	52.876	ug/l		99
79) 2-Chlorotoluene	12.65	91	876154	49.979	ug/l		99
80) 1,3,5-Trimethylbenzene	12.71	105	1092362	51.885	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.27	75	126070	47.027	ug/l		99
82) 4-Chlorotoluene	12.75	91	933550	51.346	ug/l		99
83) tert-Butylbenzene	12.97	119	892801	49.446	ug/l		97
84) 1,2,4-Trimethylbenzene	13.02	105	1119321	52.745	ug/l		97
85) sec-Butylbenzene	13.15	105	1252429	53.222	ug/l		99
86) p-Isopropyltoluene	13.26	119	1124902	53.843	ug/l		99
87) 1,3-Dichlorobenzene	13.26	146	539552	51.343	ug/l		99
88) 1,4-Dichlorobenzene	13.34	146	548133	50.374	ug/l		99
89) n-Butylbenzene	13.59	91	1048295	54.313	ug/l		99
90) Hexachloroethane	13.85	117	183218	47.374	ug/l		100
91) 1,2-Dichlorobenzene	13.63	146	529419	51.915	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	73504	45.848	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	299383	52.547	ug/l	100
94) Hexachlorobutadiene	14.98	225	112004	52.624	ug/l	96
95) Naphthalene	15.10	128	937938	49.343	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	285811	51.490	ug/l	99

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

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