Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090119\
Data File : VN057615.D
Acq On : 31 Aug 2019 14:52
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDICC150

Manual Integrations APPROVED
MMDadoda
9/3/2019 11:52:06 AM

Quant Time: Aug 31 15:27:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 15:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	196375	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	331904	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	303834	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	168630	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	661940	180.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 361.10%				
35) Dibromofluoromethane	7.58	113	429058	179.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 358.06%				
50) Toluene-d8	10.08	98	1645239	181.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 363.06%				
62) 4-Bromofluorobenzene	12.40	95	663446	211.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 423.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.84	85	512446	207.493	ug/l		98
3) Chloromethane	2.05	50	545765	159.736	ug/l		96
4) Vinyl Chloride	2.18	62	435579	112.822	ug/l		99
5) Bromomethane	2.51	94	278314	117.607	ug/l		100
6) Chloroethane	2.65	64	237301	96.392	ug/l		100
7) Trichlorofluoromethane	2.99	101	611691	102.436	ug/l		99
8) Diethyl Ether	3.39	74	194429	87.259	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	298258	90.841	ug/l		99
10) Methyl Iodide	3.92	142	398312	152.788	ug/l		99
11) Tert butyl alcohol	4.83	59	381392	861.647	ug/l	#	88
12) 1,1-Dichloroethene	3.71	96	278953	88.919	ug/l		95
13) Acrolein	3.59	56	130124	384.239	ug/l		97
14) Allyl chloride	4.29	41	888099	175.132	ug/l		98
15) Acrylonitrile	4.98	53	1066345	879.357	ug/l		100
16) Acetone	3.81	43	854492	523.751	ug/l		96
17) Carbon Disulfide	4.02	76	1012101	157.628	ug/l		99
18) Methyl Acetate	4.31	43	602418	142.528	ug/l		99
19) Methyl tert-butyl Ether	5.03	73	1473076	174.391	ug/l		99
20) Methylene Chloride	4.52	84	469112	171.708	ug/l		97
21) trans-1,2-Dichloroethene	5.01	96	418548	169.483	ug/l		99
22) Diisopropyl ether	5.94	45	1781713	177.922	ug/l		98
23) Vinyl Acetate	5.88	43	6646151	843.236	ug/l	#	93
24) 1,1-Dichloroethane	5.82	63	924690	175.838	ug/l		99
25) 2-Butanone	6.83	43	1581735	870.345	ug/l		98
26) 2,2-Dichloropropane	6.80	77	763472	169.434	ug/l		98
27) cis-1,2-Dichloroethene	6.81	96	493842	169.278	ug/l		98
28) Bromochloromethane	7.18	49	448401	161.804	ug/l		98
29) Tetrahydrofuran	7.20	42	991599	839.764	ug/l		99
30) Chloroform	7.36	83	921808	168.763	ug/l		98
31) Cyclohexane	7.63	56	854573	167.584	ug/l		99
32) 1,1,1-Trichloroethane	7.55	97	797576	178.033	ug/l		99
36) 1,1-Dichloropropene	7.78	75	667066	184.152	ug/l		99
37) Ethyl Acetate	6.92	43	657233	184.754	ug/l		99
38) Carbon Tetrachloride	7.76	117	654174	185.847	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	797983	186.007	ug/l		98
40) Benzene	8.03	78	1935023	179.246	ug/l		98
41) Methacrylonitrile	7.16	41	365025	211.417	ug/l		94
42) 1,2-Dichloroethane	8.11	62	812194	192.580	ug/l		100
43) Isopropyl Acetate	8.16	43	1209975	185.763	ug/l		99
44) Trichloroethene	8.82	130	449164	187.095	ug/l		96
45) 1,2-Dichloropropane	9.11	63	528816	174.006	ug/l		99
46) Dibromomethane	9.20	93	336196	174.231	ug/l		99
47) Bromodichloromethane	9.40	83	739543	184.909	ug/l		100
48) Methyl methacrylate	9.19	41	602687	192.466	ug/l		99
49) 1,4-Dioxane	9.20	88	144139	3650.735	ug/l		98
51) 4-Methyl-2-Pentanone	9.98	43	3147083	857.999	ug/l		95
52) Toluene	10.15	92	1170661	187.190	ug/l		96
53) t-1,3-Dichloropropene	10.38	75	787143	188.849	ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	844118	181.507	ug/l		97
55) 1,1,2-Trichloroethane	10.56	97	447104	178.091	ug/l		97
56) Ethyl methacrylate	10.43	69	768542	193.873	ug/l		99
57) 1,3-Dichloropropane	10.71	76	809981	184.249	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.69	63	1180088	1226.360	ug/l		99
59) 2-Hexanone	10.75	43	2436351	963.046	ug/l		100
60) Dibromochloromethane	10.90	129	495558	189.331	ug/l		100
61) 1,2-Dibromoethane	11.00	107	461858	188.047	ug/l		99
64) Tetrachloroethene	10.63	164	396139	175.850	ug/l		98
65) Chlorobenzene	11.43	112	1182612	182.106	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	432075	176.919	ug/l		97
67) Ethyl Benzene	11.51	91	2254014	179.034	ug/l		96
68) m/p-Xylenes	11.62	106	1643527	383.996	ug/l		89
69) o-Xylene	11.95	106	799073	189.203	ug/l		99
70) Styrene	11.96	104	1412084	209.517	ug/l		99
71) Bromoform	12.13	173	328846	201.446	ug/l	#	99
73) Isopropylbenzene	12.25	105	2200948	113.924	ug/l		100
74) N-amyl acetate	12.07	43	1126613	127.007	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.51	83	648267	114.356	ug/l		97
76) 1,2,3-Trichloropropane	12.55	75	598927m	135.207	ug/l		
77) Bromobenzene	12.53	156	501083	129.599	ug/l		99
78) n-propylbenzene	12.59	91	2543101	123.754	ug/l		98
79) 2-Chlorotoluene	12.67	91	1610304	130.718	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	1925124	126.082	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	209159	127.046	ug/l		90
82) 4-Chlorotoluene	12.77	91	1668322	141.960	ug/l		99
83) tert-Butylbenzene	12.99	119	1611157	118.916	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	1882751	139.128	ug/l		98
85) sec-Butylbenzene	13.17	105	2188921	131.482	ug/l		99
86) p-Isopropyltoluene	13.29	119	1917059	141.328	ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	899015	159.232	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	893677	162.754	ug/l		98
89) n-Butylbenzene	13.62	91	1794552	155.685	ug/l		99
90) Hexachloroethane	13.88	117	358987	118.012	ug/l		97
91) 1,2-Dichlorobenzene	13.66	146	876888	162.479	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	129229	142.767	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	427511	216.532	ug/l	99
94) Hexachlorobutadiene	15.01	225	278866	162.718	ug/l	99
95) Naphthalene	15.13	128	1226245	189.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	423463	204.332	ug/l	97

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

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