Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011921\
Data File : VN065551.D
Acq On : 19 Jan 2021 12:37
Operator : JC/MD
Sample : VN0119WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0119WBSD01

Manual Integrations APPROVED
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1/20/2021 5:41:40 PM

Quant Time: Jan 20 00:27:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011821W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 18 18:11:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.627	168	249373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	355219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	332940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	166268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	113366	49.22	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.44%			
35) Dibromofluoromethane	7.550	113	104949	49.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.96%			
50) Toluene-d8	10.058	98	383397	48.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.32%			
62) 4-Bromofluorobenzene	12.373	95	139969	46.85	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	33504	17.13	ug/l	98
3) Chloromethane	2.055	50	42864	17.29	ug/l	98
4) Vinyl Chloride	2.181	62	46610	17.24	ug/l	97
5) Bromomethane	2.544	94	35774	21.40	ug/l	98
6) Chloroethane	2.689	64	30299	17.46	ug/l	98
7) Trichlorofluoromethane	3.001	101	63998	17.81	ug/l	97
8) Diethyl Ether	3.386	74	27885	19.10	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.724	101	40119	18.83	ug/l	95
10) Methyl Iodide	3.914	142	61535	17.64	ug/l	91
11) Tert butyl alcohol	4.772	59	29193	99.36	ug/l	99
12) 1,1-Dichloroethene	3.701	96	39755	17.59	ug/l	94
13) Acrolein	3.579	56	31413	95.55	ug/l	98
14) Allyl chloride	4.280	41	55099	18.38	ug/l	97
15) Acrylonitrile	4.946	53	91398	95.85	ug/l	98
16) Acetone	3.792	43	69945	92.24	ug/l	91
17) Carbon Disulfide	4.010	76	89532	16.03	ug/l	99
18) Methyl Acetate	4.293	43	40485	17.80	ug/l	99
19) Methyl tert-butyl Ether	5.010	73	121676	19.32	ug/l	99
20) Methylene Chloride	4.509	84	44553	17.73	ug/l	95
21) trans-1,2-Dichloroethene	4.994	96	39941	17.97	ug/l	95
22) Diisopropyl ether	5.917	45	120716	19.13	ug/l	97
23) Vinyl Acetate	5.856	43	474027	94.60	ug/l	97
24) 1,1-Dichloroethane	5.801	63	71677	18.44	ug/l	99
25) 2-Butanone	6.801	43	107998	94.25	ug/l	95
26) 2,2-Dichloropropane	6.779	77	56225	17.67	ug/l	98
27) cis-1,2-Dichloroethene	6.785	96	47837	18.69	ug/l	94
28) Bromochloromethane	7.152	49	27798	17.38	ug/l	87
29) Tetrahydrofuran	7.177	42	73444	94.71	ug/l	95
30) Chloroform	7.332	83	74151	18.68	ug/l	98
31) Cyclohexane	7.615	56	60496	17.40	ug/l	94
32) 1,1,1-Trichloroethane	7.531	97	61785	18.20	ug/l	100
36) 1,1-Dichloropropene	7.753	75	53662	18.27	ug/l	97
37) Ethyl Acetate	6.894	43	47915	18.97	ug/l	98
38) Carbon Tetrachloride	7.733	117	54421	18.62	ug/l	99
39) Methylcyclohexane	9.045	83	63428	18.30	ug/l	95
40) Benzene	8.004	78	171054	18.70	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.129	41	21065	16.32	ug/l		96
42) 1,2-Dichloroethane	8.087	62	56179	19.32	ug/l		100
43) Isopropyl Acetate	8.132	43	78108	19.27	ug/l		97
44) Trichloroethene	8.801	130	50692	18.59	ug/l		96
45) 1,2-Dichloropropane	9.084	63	45112	19.28	ug/l		98
46) Dibromomethane	9.174	93	30114	19.05	ug/l	#	87
47) Bromodichloromethane	9.370	83	58262	19.47	ug/l		98
48) Methyl methacrylate	9.168	41	37432	18.63	ug/l		95
49) 1,4-Dioxane	9.171	88	12797	423.94	ug/l		99
51) 4-Methyl-2-Pentanone	9.952	43	232308	94.78	ug/l		97
52) Toluene	10.122	92	108807	18.77	ug/l		99
53) t-1,3-Dichloropropene	10.351	75	63840	18.81	ug/l		100
54) cis-1,3-Dichloropropene	9.807	75	70920	19.16	ug/l		95
55) 1,1,2-Trichloroethane	10.531	97	44690	19.22	ug/l		96
56) Ethyl methacrylate	10.399	69	60086	18.45	ug/l		96
57) 1,3-Dichloropropane	10.679	76	73851	19.36	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.663	63	143760	95.33	ug/l		98
59) 2-Hexanone	10.724	43	163355	92.79	ug/l		96
60) Dibromochloromethane	10.872	129	48221	18.76	ug/l		99
61) 1,2-Dibromoethane	10.978	107	46813	18.99	ug/l		99
64) Tetrachloroethene	10.602	164	58514	18.73	ug/l		95
65) Chlorobenzene	11.405	112	126452	18.72	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.479	131	46428	18.79	ug/l		98
67) Ethyl Benzene	11.483	91	204281	18.37	ug/l		97
68) m/p-Xylenes	11.592	106	164519	37.34	ug/l		95
69) o-Xylene	11.920	106	78055	18.38	ug/l		97
70) Styrene	11.936	104	131713	18.73	ug/l		98
71) Bromoform	12.100	173	38021	18.44	ug/l	#	99
73) Isopropylbenzene	12.222	105	204973	19.14	ug/l		98
74) N-amyl acetate	12.045	43	63875	18.15	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.479	83	59282	18.77	ug/l		100
76) 1,2,3-Trichloropropane	12.528	75	57310m	19.03	ug/l		
77) Bromobenzene	12.499	156	59562	18.90	ug/l		85
78) n-propylbenzene	12.563	91	227767	19.05	ug/l		96
79) 2-Chlorotoluene	12.646	91	137517	18.67	ug/l		94
80) 1,3,5-Trimethylbenzene	12.704	105	174498	19.14	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.273	75	18629	17.98	ug/l		93
82) 4-Chlorotoluene	12.746	91	142197	18.83	ug/l		95
83) tert-Butylbenzene	12.968	119	153001	19.26	ug/l		96
84) 1,2,4-Trimethylbenzene	13.013	105	179189	19.57	ug/l		98
85) sec-Butylbenzene	13.145	105	195814	18.94	ug/l		97
86) p-Isopropyltoluene	13.261	119	184431	19.17	ug/l		98
87) 1,3-Dichlorobenzene	13.257	146	100055	18.75	ug/l		97
88) 1,4-Dichlorobenzene	13.338	146	100575	18.38	ug/l		98
89) n-Butylbenzene	13.589	91	146507	18.83	ug/l		98
90) Hexachloroethane	13.846	117	28930	18.37	ug/l		79
91) 1,2-Dichlorobenzene	13.627	146	100794	18.74	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	11189	19.34	ug/l		87
93) 1,2,4-Trichlorobenzene	14.881	180	56428	18.53	ug/l		98
94) Hexachlorobutadiene	14.981	225	35723	18.37	ug/l		100
95) Naphthalene	15.103	128	133364	17.67	ug/l		100
96) 1,2,3-Trichlorobenzene	15.283	180	54688	18.49	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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