Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
Data File : VN066344.D
Acq On : 26 Mar 2021 12:58
Operator : JC/MD
Sample : VN0326WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0326WBSD01

Manual Integrations APPROVED
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3/31/2021 3:38:51 PM

Quant Time: Mar 27 01:47:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 26 16:26:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.582	168	456255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	703202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	653446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	303435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	304418	50.19	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.38%			
35) Dibromofluoromethane	7.504	113	235070	50.43	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.86%			
50) Toluene-d8	10.028	98	910639	51.50	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.00%			
62) 4-Bromofluorobenzene	12.342	95	324271	52.80	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	121315	21.11	ug/l	99
3) Chloromethane	2.017	50	132496	21.22	ug/l	99
4) Vinyl Chloride	2.145	62	139134	21.16	ug/l	98
5) Bromomethane	2.518	94	98945	22.43	ug/l	95
6) Chloroethane	2.652	64	86941	21.21	ug/l	99
7) Trichlorofluoromethane	2.963	101	190339	21.04	ug/l	99
8) Diethyl Ether	3.342	74	75827	20.58	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.677	101	109727	21.49	ug/l	98
10) Methyl Iodide	3.867	142	150513	20.78	ug/l	100
11) Tert butyl alcohol	4.707	59	107504	116.22	ug/l	100
12) 1,1-Dichloroethene	3.658	96	108641	20.77	ug/l	95
13) Acrolein	3.529	56	51165	83.57	ug/l	99
14) Allyl chloride	4.227	41	221944	21.46	ug/l	98
15) Acrylonitrile	4.878	53	280259	108.65	ug/l	99
16) Acetone	3.736	43	340197	103.81	ug/l	100
17) Carbon Disulfide	3.964	76	320061	20.73	ug/l	100
18) Methyl Acetate	4.237	43	188995	22.08	ug/l	100
19) Methyl tert-butyl Ether	4.943	73	315219	20.33	ug/l	100
20) Methylene Chloride	4.449	84	129049	21.71	ug/l	98
21) trans-1,2-Dichloroethene	4.929	96	96034	20.26	ug/l	98
22) Diisopropyl ether	5.857	45	329661	20.43	ug/l	98
23) Vinyl Acetate	5.796	43	1442112	104.99	ug/l	100
24) 1,1-Dichloroethane	5.742	63	183112	20.55	ug/l	98
25) 2-Butanone	6.745	43	379269	105.88	ug/l	100
26) 2,2-Dichloropropane	6.724	77	161043	20.28	ug/l	100
27) cis-1,2-Dichloroethene	6.732	96	113261	20.48	ug/l	99
28) Bromochloromethane	7.102	49	84309	18.78	ug/l	100
29) Tetrahydrofuran	7.129	42	249399	106.71	ug/l	99
30) Chloroform	7.284	83	181260	20.36	ug/l	99
31) Cyclohexane	7.568	56	168289	20.05	ug/l	97
32) 1,1,1-Trichloroethane	7.483	97	158513	20.26	ug/l	99
36) 1,1-Dichloropropene	7.708	75	131905	19.97	ug/l	99
37) Ethyl Acetate	6.839	43	156422	21.51	ug/l	98
38) Carbon Tetrachloride	7.689	117	132279	19.92	ug/l	98
39) Methylcyclohexane	9.009	83	163180	20.26	ug/l	98
40) Benzene	7.960	78	409297	20.51	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.078	41	75639	20.97	ug/l		92
42) 1,2-Dichloroethane	8.046	62	149493	20.92	ug/l		100
43) Isopropyl Acetate	8.091	43	260852	20.99	ug/l		99
44) Trichloroethene	8.765	130	106472	20.29	ug/l		99
45) 1,2-Dichloropropane	9.049	63	109269	20.56	ug/l		95
46) Dibromomethane	9.140	93	73459	21.08	ug/l		99
47) Bromodichloromethane	9.336	83	149357	20.76	ug/l		99
48) Methyl methacrylate	9.135	41	124123	20.99	ug/l		99
49) 1,4-Dioxane	9.137	88	34770	467.82	ug/l		99
51) 4-Methyl-2-Pentanone	9.921	43	790452	108.83	ug/l		99
52) Toluene	10.092	92	259662	21.20	ug/l		100
53) t-1,3-Dichloropropene	10.320	75	163631	20.94	ug/l		99
54) cis-1,3-Dichloropropene	9.773	75	174249	20.76	ug/l		99
55) 1,1,2-Trichloroethane	10.500	97	105072	21.34	ug/l		99
56) Ethyl methacrylate	10.371	69	160295	21.22	ug/l		98
57) 1,3-Dichloropropane	10.645	76	175208	21.44	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.631	63	52456	82.24	ug/l		100
59) 2-Hexanone	10.693	43	568100	111.64	ug/l		100
60) Dibromochloromethane	10.840	129	116120	21.24	ug/l		99
61) 1,2-Dibromoethane	10.945	107	109042	21.24	ug/l		99
64) Tetrachloroethene	10.570	164	104199	18.74	ug/l		98
65) Chlorobenzene	11.374	112	276304	21.21	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.449	131	105732	21.08	ug/l		99
67) Ethyl Benzene	11.452	91	498167	21.07	ug/l		99
68) m/p-Xylenes	11.562	106	375350	41.77	ug/l		99
69) o-Xylene	11.889	106	182071	21.00	ug/l		99
70) Styrene	11.908	104	299003	21.27	ug/l		99
71) Bromoform	12.071	173	88081	21.11	ug/l	#	99
73) Isopropylbenzene	12.192	105	475395	21.06	ug/l		99
74) N-amyl acetate	12.015	43	166798	20.79	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.447	83	159391	22.18	ug/l		98
76) 1,2,3-Trichloropropane	12.498	75	141179m	21.20	ug/l		
77) Bromobenzene	12.468	156	123938	21.75	ug/l		98
78) n-propylbenzene	12.535	91	524613	21.38	ug/l		100
79) 2-Chlorotoluene	12.616	91	321518	21.31	ug/l		100
80) 1,3,5-Trimethylbenzene	12.678	105	388456	21.04	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.243	75	45914	20.74	ug/l		97
82) 4-Chlorotoluene	12.715	91	327717	21.82	ug/l		100
83) tert-Butylbenzene	12.938	119	327730	20.62	ug/l		99
84) 1,2,4-Trimethylbenzene	12.983	105	376870	21.01	ug/l		100
85) sec-Butylbenzene	13.115	105	434051	21.08	ug/l		100
86) p-Isopropyltoluene	13.233	119	383672	20.81	ug/l		100
87) 1,3-Dichlorobenzene	13.227	146	198908	20.80	ug/l		99
88) 1,4-Dichlorobenzene	13.308	146	203269	20.47	ug/l		97
89) n-Butylbenzene	13.560	91	319643	20.98	ug/l		99
90) Hexachloroethane	13.815	117	69712	20.96	ug/l		100
91) 1,2-Dichlorobenzene	13.597	146	195584	20.80	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.214	75	29674	21.53	ug/l		95
93) 1,2,4-Trichlorobenzene	14.853	180	114437	19.63	ug/l		99
94) Hexachlorobutadiene	14.949	225	62673	19.71	ug/l		99
95) Naphthalene	15.070	128	346350	20.98	ug/l		99
96) 1,2,3-Trichlorobenzene	15.252	180	110558	18.86	ug/l		98

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

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