Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
Data File : VN068897.D
Acq On : 13 Oct 2021 14:57
Operator : JC/MD
Sample : VN1013WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBSD01

Manual Integrations APPROVED
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10/14/2021 2:28:26 PM

Quant Time: Oct 14 06:42:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	328691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	567530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	523059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	227468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	203440	46.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.88%			
35) Dibromofluoromethane	8.024	113	161304	48.85	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.70%			
50) Toluene-d8	10.443	98	639874	48.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.86%			
62) 4-Bromofluorobenzene	12.733	95	232463	46.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	65798	16.92	ug/l	96
3) Chloromethane	2.303	50	73144	18.21	ug/l	98
4) Vinyl Chloride	2.445	62	80342	19.69	ug/l	98
5) Bromomethane	2.858	94	42872	19.10	ug/l	99
6) Chloroethane	3.019	64	47790	19.87	ug/l	100
7) Trichlorofluoromethane	3.379	101	104397	18.27	ug/l	99
8) Diethyl Ether	3.827	74	38612	18.12	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.218	101	56540	18.40	ug/l	98
10) Methyl Iodide	4.425	142	58126	13.03	ug/l	100
11) Tert butyl alcohol	5.366	59	64796	81.83	ug/l	97
12) 1,1-Dichloroethene	4.189	96	56967	17.94	ug/l	92
13) Acrolein	4.044	56	25818	73.70	ug/l	96
14) Allyl chloride	4.846	41	99440	17.47	ug/l	98
15) Acrylonitrile	5.554	53	155871	87.85	ug/l	99
16) Acetone	4.288	43	130468	80.67	ug/l	97
17) Carbon Disulfide	4.537	76	150082	17.41	ug/l	100
18) Methyl Acetate	4.856	43	109046	17.78	ug/l	99
19) Methyl tert-butyl Ether	5.615	73	212727	17.99	ug/l	98
20) Methylene Chloride	5.103	84	65579	17.62	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	60078	17.51	ug/l	97
22) Diisopropyl ether	6.498	45	207889	17.56	ug/l	98
23) Vinyl Acetate	6.436	43	792590	88.55	ug/l	100
24) 1,1-Dichloroethane	6.388	63	113912	17.71	ug/l	100
25) 2-Butanone	7.335	43	212937	87.07	ug/l	98
26) 2,2-Dichloropropane	7.329	77	103682	16.91	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	72233	17.42	ug/l	97
28) Bromochloromethane	7.659	49	44116	15.14	ug/l	96
29) Tetrahydrofuran	7.686	42	143361	90.38	ug/l	100
30) Chloroform	7.820	83	123951	18.28	ug/l	98
31) Cyclohexane	8.096	56	115787	17.18	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	112468	17.80	ug/l	99
36) 1,1-Dichloropropene	8.225	75	87895	18.13	ug/l	99
37) Ethyl Acetate	7.412	43	89468	17.87	ug/l	99
38) Carbon Tetrachloride	8.209	117	97781	18.37	ug/l	99
39) Methylcyclohexane	9.461	83	112629	18.05	ug/l	98
40) Benzene	8.461	78	270322	18.31	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.638	41	45184	17.90	ug/l		98
42) 1,2-Dichloroethane	8.531	62	94289	18.04	ug/l		98
43) Isopropyl Acetate	8.560	43	166386	18.84	ug/l		98
44) Trichloroethene	9.217	130	68379	18.51	ug/l		97
45) 1,2-Dichloropropane	9.491	63	69094	18.04	ug/l		99
46) Dibromomethane	9.579	93	47829	18.29	ug/l		98
47) Bromodichloromethane	9.764	83	98593	18.20	ug/l		99
48) Methyl methacrylate	9.561	41	66645	16.06	ug/l		90
49) 1,4-Dioxane	9.569	88	25859	343.90	ug/l		97
51) 4-Methyl-2-Pentanone	10.330	43	465525	90.89	ug/l		100
52) Toluene	10.507	92	176538	18.59	ug/l		100
53) t-1,3-Dichloropropene	10.719	75	109976	17.92	ug/l		99
54) cis-1,3-Dichloropropene	10.191	75	113676	17.80	ug/l		98
55) 1,1,2-Trichloroethane	10.899	97	68955	18.42	ug/l		99
56) Ethyl methacrylate	10.762	69	113733	18.09	ug/l		98
57) 1,3-Dichloropropane	11.046	76	114199	18.50	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.043	63	143534	90.55	ug/l		99
59) 2-Hexanone	11.087	43	333504	90.79	ug/l		100
60) Dibromochloromethane	11.240	129	76525	18.11	ug/l		99
61) 1,2-Dibromoethane	11.347	107	71081	18.51	ug/l		100
64) Tetrachloroethene	10.979	164	61832	18.35	ug/l		96
65) Chlorobenzene	11.771	112	183410	18.53	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.843	131	71587	18.48	ug/l		100
67) Ethyl Benzene	11.846	91	341368	18.57	ug/l		100
68) m/p-Xylenes	11.956	106	260345	37.35	ug/l		98
69) o-Xylene	12.283	106	128313	18.39	ug/l		100
70) Styrene	12.296	104	207958	18.31	ug/l		99
71) Bromoform	12.460	173	56826	18.31	ug/l	#	99
73) Isopropylbenzene	12.581	105	335099	17.70	ug/l		100
74) N-amyl acetate	12.387	43	130490	18.19	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.830	83	101674	18.58	ug/l		100
76) 1,2,3-Trichloropropane	12.881	75	81408m	16.82	ug/l		
77) Bromobenzene	12.862	156	76298	18.22	ug/l		96
78) n-propylbenzene	12.921	91	373181	17.54	ug/l		99
79) 2-Chlorotoluene	13.010	91	231182	17.63	ug/l		99
80) 1,3,5-Trimethylbenzene	13.061	105	282136	17.89	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.629	75	32321	15.98	ug/l		98
82) 4-Chlorotoluene	13.106	91	221858	17.51	ug/l		99
83) tert-Butylbenzene	13.326	119	245409	17.88	ug/l		99
84) 1,2,4-Trimethylbenzene	13.369	105	272858	17.96	ug/l		98
85) sec-Butylbenzene	13.503	105	341822	17.98	ug/l		100
86) p-Isopropyltoluene	13.618	119	275037	18.04	ug/l		99
87) 1,3-Dichlorobenzene	13.618	146	133443	18.43	ug/l		99
88) 1,4-Dichlorobenzene	13.696	146	131933	18.36	ug/l		99
89) n-Butylbenzene	13.943	91	218294	17.19	ug/l		100
90) Hexachloroethane	14.214	117	55153	17.22	ug/l		96
91) 1,2-Dichlorobenzene	13.991	146	129983	18.48	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	19222	18.22	ug/l		96
93) 1,2,4-Trichlorobenzene	15.265	180	59585	17.39	ug/l		99
94) Hexachlorobutadiene	15.372	225	36328	18.14	ug/l		99
95) Naphthalene	15.509	128	165743	18.32	ug/l		99
96) 1,2,3-Trichlorobenzene	15.705	180	58838	17.89	ug/l		99

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

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