Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
Data File : VN068891.D
Acq On : 13 Oct 2021 12:17
Operator : JC/MD
Sample : VN1013WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1013WBS01

Manual Integrations APPROVED
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10/14/2021 2:28:19 PM

Quant Time: Oct 14 06:40:46 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	8.086	168	341121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	567446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	520531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	227706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	197411	43.89	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 87.78%			
35) Dibromofluoromethane	8.024	113	159806	48.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.80%			
50) Toluene-d8	10.443	98	632194	47.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.72%			
62) 4-Bromofluorobenzene	12.731	95	230196	46.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	69907	17.29	ug/l	98
3) Chloromethane	2.303	50	74467	17.86	ug/l	96
4) Vinyl Chloride	2.445	62	83580	19.74	ug/l	99
5) Bromomethane	2.861	94	55675	23.90	ug/l	98
6) Chloroethane	3.019	64	50657	20.30	ug/l	98
7) Trichlorofluoromethane	3.379	101	110637	18.66	ug/l	100
8) Diethyl Ether	3.829	74	39514	17.86	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.215	101	61167	19.18	ug/l	98
10) Methyl Iodide	4.425	142	74918	16.19	ug/l	99
11) Tert butyl alcohol	5.363	59	66147	80.49	ug/l #	88
12) 1,1-Dichloroethene	4.186	96	58685	17.80	ug/l	98
13) Acrolein	4.044	56	23744	65.31	ug/l	94
14) Allyl chloride	4.846	41	103929	17.59	ug/l	97
15) Acrylonitrile	5.554	53	155635	84.52	ug/l	99
16) Acetone	4.285	43	148617	88.55	ug/l	98
17) Carbon Disulfide	4.535	76	157924	17.65	ug/l	100
18) Methyl Acetate	4.856	43	109336	17.17	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	217863	17.75	ug/l	99
20) Methylene Chloride	5.100	84	68945	17.85	ug/l	95
21) trans-1,2-Dichloroethene	5.602	96	62189	17.46	ug/l	94
22) Diisopropyl ether	6.498	45	217590	17.71	ug/l	98
23) Vinyl Acetate	6.433	43	805386	86.70	ug/l	100
24) 1,1-Dichloroethane	6.391	63	119503	17.90	ug/l	100
25) 2-Butanone	7.335	43	217451	85.68	ug/l	97
26) 2,2-Dichloropropane	7.327	77	114457	17.99	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	75339	17.50	ug/l	97
28) Bromochloromethane	7.659	49	46254	15.30	ug/l	94
29) Tetrahydrofuran	7.686	42	139251	84.59	ug/l	98
30) Chloroform	7.820	83	126419	17.97	ug/l	99
31) Cyclohexane	8.096	56	120183	17.19	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	116531	17.77	ug/l	99
36) 1,1-Dichloropropene	8.222	75	91157	18.81	ug/l	98
37) Ethyl Acetate	7.415	43	87992	17.58	ug/l	99
38) Carbon Tetrachloride	8.209	117	102248	19.21	ug/l	98
39) Methylcyclohexane	9.461	83	122824	19.69	ug/l	97
40) Benzene	8.461	78	279427	18.93	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.635	41	42724	16.93	ug/l		92
42) 1,2-Dichloroethane	8.533	62	97766	18.71	ug/l		99
43) Isopropyl Acetate	8.560	43	161803	18.32	ug/l		99
44) Trichloroethene	9.217	130	71811	19.44	ug/l		99
45) 1,2-Dichloropropane	9.491	63	71032	18.55	ug/l		99
46) Dibromomethane	9.579	93	48538	18.57	ug/l		97
47) Bromodichloromethane	9.762	83	103295	19.07	ug/l		99
48) Methyl methacrylate	9.561	41	73325	17.67	ug/l		98
49) 1,4-Dioxane	9.569	88	26945	356.89	ug/l		99
51) 4-Methyl-2-Pentanone	10.330	43	456634	89.16	ug/l		100
52) Toluene	10.507	92	182412	19.21	ug/l		97
53) t-1,3-Dichloropropene	10.719	75	113194	18.45	ug/l		98
54) cis-1,3-Dichloropropene	10.191	75	119100	18.65	ug/l		97
55) 1,1,2-Trichloroethane	10.899	97	69624	18.60	ug/l		99
56) Ethyl methacrylate	10.762	69	113225	18.01	ug/l		97
57) 1,3-Dichloropropane	11.046	76	116002	18.79	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.041	63	129736	83.66	ug/l		99
59) 2-Hexanone	11.087	43	327819	89.26	ug/l		99
60) Dibromochloromethane	11.240	129	78596	18.60	ug/l		99
61) 1,2-Dibromoethane	11.347	107	71672	18.66	ug/l		99
64) Tetrachloroethene	10.979	164	65517	19.54	ug/l		97
65) Chlorobenzene	11.771	112	189918	19.28	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.843	131	74005	19.20	ug/l		99
67) Ethyl Benzene	11.846	91	359919	19.67	ug/l		99
68) m/p-Xylenes	11.956	106	273480	39.43	ug/l		98
69) o-Xylene	12.283	106	134402	19.36	ug/l		99
70) Styrene	12.296	104	218326	19.32	ug/l		99
71) Bromoform	12.460	173	56831	18.40	ug/l	#	99
73) Isopropylbenzene	12.581	105	353471	18.65	ug/l		100
74) N-amyl acetate	12.390	43	123944	17.26	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.830	83	100126	18.28	ug/l		99
76) 1,2,3-Trichloropropane	12.881	75	81583m	16.84	ug/l		
77) Bromobenzene	12.862	156	78864	18.82	ug/l		96
78) n-propylbenzene	12.921	91	396426	18.61	ug/l		100
79) 2-Chlorotoluene	13.010	91	245422	18.69	ug/l		100
80) 1,3,5-Trimethylbenzene	13.061	105	294602	18.66	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.626	75	33164	16.38	ug/l		100
82) 4-Chlorotoluene	13.106	91	238728	18.82	ug/l		100
83) tert-Butylbenzene	13.326	119	256386	18.66	ug/l		99
84) 1,2,4-Trimethylbenzene	13.369	105	287917	18.93	ug/l		99
85) sec-Butylbenzene	13.503	105	359790	18.90	ug/l		100
86) p-Isopropyltoluene	13.618	119	290506	19.03	ug/l		99
87) 1,3-Dichlorobenzene	13.618	146	139373	19.23	ug/l		99
88) 1,4-Dichlorobenzene	13.696	146	137498	19.11	ug/l		100
89) n-Butylbenzene	13.946	91	234982	18.49	ug/l		100
90) Hexachloroethane	14.211	117	57110	17.81	ug/l		94
91) 1,2-Dichlorobenzene	13.989	146	135200	19.20	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	18353	17.38	ug/l		98
93) 1,2,4-Trichlorobenzene	15.265	180	59814	17.43	ug/l		98
94) Hexachlorobutadiene	15.372	225	41111	20.50	ug/l		99
95) Naphthalene	15.509	128	140931	16.13	ug/l		100
96) 1,2,3-Trichlorobenzene	15.702	180	55871	17.10	ug/l		98

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

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