Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111323\
Data File : VN080058.D
Acq On : 13 Nov 2023 11:56
Operator : JC\MD
Sample : VN1113WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1113WBS01

Quant Time: Nov 14 19:22:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	331321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	599335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	516927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229867	45.538	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.080%			
35) Dibromofluoromethane	8.165	113	193269	45.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.120%			
50) Toluene-d8	10.571	98	582600	37.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 74.620%#			
62) 4-Bromofluorobenzene	12.847	95	233442	45.075	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	68776	17.233	ug/l	98
3) Chloromethane	2.359	50	54834	10.206	ug/l	97
4) Vinyl Chloride	2.512	62	57764	11.057	ug/l	97
5) Bromomethane	2.965	94	49023	15.445	ug/l	92
6) Chloroethane	3.124	64	50535	12.243	ug/l	98
7) Trichlorofluoromethane	3.506	101	123995	19.084	ug/l	99
8) Diethyl Ether	3.959	74	42668	17.305	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	70065	18.602	ug/l	98
10) Methyl Iodide	4.595	142	67038	15.586	ug/l	99
11) Tert butyl alcohol	5.512	59	46239	71.758	ug/l	98
12) 1,1-Dichloroethene	4.342	96	61011	17.108	ug/l	86
13) Acrolein	4.177	56	50509	89.515	ug/l	93
14) Allyl chloride	5.018	41	98450	18.024	ug/l #	93
15) Acrylonitrile	5.718	53	177732	88.508	ug/l	100
16) Acetone	4.424	43	164046	92.520	ug/l	95
17) Carbon Disulfide	4.712	76	156746	15.237	ug/l	98
18) Methyl Acetate	5.024	43	149607	17.636	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	225400	18.358	ug/l	94
20) Methylene Chloride	5.277	84	82966	18.544	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	72748	18.290	ug/l #	71
22) Diisopropyl ether	6.671	45	252691	19.962	ug/l #	92
23) Vinyl Acetate	6.606	43	606913	86.922	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	152744	19.853	ug/l	98
25) 2-Butanone	7.483	43	227514	87.626	ug/l #	85
26) 2,2-Dichloropropane	7.489	77	124360	19.544	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	87895	18.474	ug/l	88
28) Bromochloromethane	7.812	49	74347	19.829	ug/l #	80
29) Tetrahydrofuran	7.841	42	145526	86.147	ug/l #	76
30) Chloroform	7.965	83	161685	19.347	ug/l	90
31) Cyclohexane	8.259	56	110971	16.637	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	132345	19.435	ug/l	95
36) 1,1-Dichloropropene	8.377	75	107684	17.780	ug/l	95
37) Ethyl Acetate	7.565	43	94915	17.087	ug/l #	91
38) Carbon Tetrachloride	8.359	117	116335	19.059	ug/l	96
39) Methylcyclohexane	9.600	83	101540	17.814	ug/l #	88
40) Benzene	8.606	78	294635	16.242	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	50768	17.212	ug/l	#	88
42) 1,2-Dichloroethane	8.671	62	104952	16.563	ug/l		99
43) Isopropyl Acetate	8.688	43	127739	13.113	ug/l		96
44) Trichloroethene	9.353	130	88627	19.688	ug/l		93
45) 1,2-Dichloropropane	9.624	63	96971	20.917	ug/l		95
46) Dibromomethane	9.712	93	61859	19.542	ug/l		93
47) Bromodichloromethane	9.888	83	104184	15.433	ug/l		97
48) Methyl methacrylate	9.682	41	73408	17.205	ug/l	#	82
49) 1,4-Dioxane	9.694	88	25463	337.735	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.447	43	367046	66.928	ug/l		95
52) Toluene	10.629	92	172937	16.080	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	102247	15.450	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	110765	15.355	ug/l		96
55) 1,1,2-Trichloroethane	11.018	97	74017	17.111	ug/l		97
56) Ethyl methacrylate	10.877	69	92236	14.949	ug/l	#	87
57) 1,3-Dichloropropane	11.165	76	150657	19.759	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	188120	60.156	ug/l		92
59) 2-Hexanone	11.200	43	347960	82.938	ug/l		93
60) Dibromochloromethane	11.359	129	94247	20.355	ug/l		100
61) 1,2-Dibromoethane	11.471	107	81682	18.814	ug/l		100
64) Tetrachloroethene	11.106	164	79577	23.769	ug/l		94
65) Chlorobenzene	11.894	112	209190	18.656	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.965	131	83180	20.589	ug/l		96
67) Ethyl Benzene	11.965	91	350417	17.937	ug/l		99
68) m/p-Xylenes	12.071	106	267565	36.766	ug/l		93
69) o-Xylene	12.400	106	128091	18.278	ug/l		95
70) Styrene	12.412	104	213770	18.981	ug/l		97
71) Bromoform	12.576	173	55291	19.274	ug/l	#	100
73) Isopropylbenzene	12.700	105	316737	18.132	ug/l		100
74) N-amyl acetate	12.494	43	112411	14.743	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.941	83	108963	17.593	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	99204m	18.358	ug/l		
77) Bromobenzene	12.982	156	81065	18.955	ug/l		95
78) n-propylbenzene	13.035	91	382564	19.124	ug/l		97
79) 2-Chlorotoluene	13.129	91	242962	19.012	ug/l		98
80) 1,3,5-Trimethylbenzene	13.176	105	268320	19.742	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	34761	17.502	ug/l	#	83
82) 4-Chlorotoluene	13.223	91	242660	19.109	ug/l		99
83) tert-Butylbenzene	13.441	119	211678	19.027	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	269999	20.192	ug/l		99
85) sec-Butylbenzene	13.618	105	299157	19.409	ug/l		99
86) p-Isopropyltoluene	13.729	119	243426	19.371	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	145742	18.318	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	147277	18.237	ug/l		97
89) n-Butylbenzene	14.059	91	195334	18.047	ug/l		99
90) Hexachloroethane	14.335	117	48812	19.613	ug/l		89
91) 1,2-Dichlorobenzene	14.106	146	143464	19.102	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17588	16.745	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	62647	17.542	ug/l		99
94) Hexachlorobutadiene	15.506	225	33386	20.623	ug/l		97
95) Naphthalene	15.647	128	156395	12.914	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	58988	16.851	ug/l		97

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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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