

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068870.D
 Acq On : 12 Oct 2021 18:59
 Operator : JC/MD
 Sample : VN1012WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBSD01

Manual Integrations
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 10/14/2021 1:29:55 PM

Quant Time: Oct 13 06:01:36 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	327464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	562721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	518936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	215772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	262640	60.831	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.660%			
35) Dibromofluoromethane	8.024	113	201931	61.678	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 123.360%			
50) Toluene-d8	10.443	98	806739	61.585	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 123.160%			
62) 4-Bromofluorobenzene	12.733	95	293053	59.294	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	72694	18.627	ug/l	98
3) Chloromethane	2.303	50	76726	19.169	ug/l	100
4) Vinyl Chloride	2.443	62	82016	20.174	ug/l	96
5) Bromomethane	2.853	94	53413	23.886	ug/l	98
6) Chloroethane	3.017	64	49736	20.759	ug/l	98
7) Trichlorofluoromethane	3.373	101	110957	19.491	ug/l	99
8) Diethyl Ether	3.827	74	42216	19.881	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.215	101	60336	19.711	ug/l	99
10) Methyl Iodide	4.427	142	78223	17.607	ug/l	100
11) Tert butyl alcohol	5.363	59	76894	97.467	ug/l	98
12) 1,1-Dichloroethene	4.183	96	60535	19.132	ug/l	96
13) Acrolein	4.046	56	31303	89.694	ug/l	94
14) Allyl chloride	4.840	41	111724	19.697	ug/l	99
15) Acrylonitrile	5.554	53	178800	101.145	ug/l	100
16) Acetone	4.288	43	167407	103.902	ug/l	99
17) Carbon Disulfide	4.535	76	162954	18.976	ug/l	100
18) Methyl Acetate	4.856	43	121608	19.899	ug/l #	75
19) Methyl tert-butyl Ether	5.618	73	235680	20.004	ug/l	99
20) Methylene Chloride	5.098	84	71976	19.409	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	63945	18.706	ug/l	99
22) Diisopropyl ether	6.498	45	228997	19.413	ug/l	97
23) Vinyl Acetate	6.433	43	882462	98.959	ug/l	99
24) 1,1-Dichloroethane	6.391	63	123771	19.312	ug/l	99
25) 2-Butanone	7.335	43	250339	102.749	ug/l	99
26) 2,2-Dichloropropane	7.327	77	117486	19.236	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	77295	18.705	ug/l	99
28) Bromochloromethane	7.659	49	51138	17.617	ug/l	98
29) Tetrahydrofuran	7.686	42	164264	103.941	ug/l	99
30) Chloroform	7.820	83	132080	19.555	ug/l	98
31) Cyclohexane	8.096	56	122632	18.268	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	122033	19.381	ug/l	98
36) 1,1-Dichloropropene	8.222	75	92995	19.348	ug/l	99
37) Ethyl Acetate	7.415	43	103177	20.784	ug/l	99
38) Carbon Tetrachloride	8.209	117	103814	19.666	ug/l	98
39) Methylcyclohexane	9.461	83	120543	19.485	ug/l	99
40) Benzene	8.461	78	288432	19.707	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	48799	19.501	ug/l	95
42) 1,2-Dichloroethane	8.533	62	102608	19.798	ug/l	98
43) Isopropyl Acetate	8.560	43	178854	20.420	ug/l	99
44) Trichloroethene	9.217	130	72027	19.663	ug/l	100
45) 1,2-Dichloropropane	9.491	63	74978	19.742	ug/l	96
46) Dibromomethane	9.579	93	52002	20.059	ug/l	97
47) Bromodichloromethane	9.762	83	107301	19.973	ug/l	100
48) Methyl methacrylate	9.561	41	82854	20.133	ug/l	99
49) 1,4-Dioxane	9.569	88	30268	399.545	ug/l	98
51) 4-Methyl-2-Pentanone	10.330	43	528080	103.980	ug/l	100
52) Toluene	10.507	92	189474	20.121	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	121141	19.907	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	125080	19.755	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	76576	20.626	ug/l	97
56) Ethyl methacrylate	10.762	69	123429	19.801	ug/l	100
57) 1,3-Dichloropropane	11.046	76	124574	20.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	147092	92.957	ug/l	100
59) 2-Hexanone	11.087	43	384121	105.467	ug/l	99
60) Dibromochloromethane	11.240	129	83683	19.969	ug/l	98
61) 1,2-Dibromoethane	11.347	107	76959	20.210	ug/l	98
64) Tetrachloroethene	10.979	164	68029	20.350	ug/l	97
65) Chlorobenzene	11.771	112	196064	19.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	77167	20.077	ug/l	99
67) Ethyl Benzene	11.846	91	367716	20.159	ug/l	100
68) m/p-Xylenes	11.956	106	278446	40.268	ug/l	98
69) o-Xylene	12.283	106	139014	20.085	ug/l	99
70) Styrene	12.296	104	224399	19.917	ug/l	100
71) Bromoform	12.460	173	63140	20.507	ug/l #	99
73) Isopropylbenzene	12.581	105	354802	19.755	ug/l	100
74) N-amyl acetate	12.390	43	138825	20.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	110111	21.215	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	97390m	21.213	ug/l	
77) Bromobenzene	12.862	156	82392	20.747	ug/l	98
78) n-propylbenzene	12.924	91	397924	19.716	ug/l	100
79) 2-Chlorotoluene	13.010	91	247705	19.912	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	297161	19.865	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	37390	19.484	ug/l	99
82) 4-Chlorotoluene	13.106	91	239565	19.928	ug/l	100
83) tert-Butylbenzene	13.326	119	259963	19.963	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	290879	20.181	ug/l	99
85) sec-Butylbenzene	13.503	105	358745	19.892	ug/l	100
86) p-Isopropyltoluene	13.618	119	287779	19.894	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	141356	20.577	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	139642	20.482	ug/l	99
89) n-Butylbenzene	13.946	91	234007	19.432	ug/l	99
90) Hexachloroethane	14.211	117	60031	19.755	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	137141	20.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	21192	21.177	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	63492	19.210	ug/l	99
94) Hexachlorobutadiene	15.372	225	39415	20.744	ug/l	99
95) Naphthalene	15.507	128	176592	20.102	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	62560	19.745	ug/l	98

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

