

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069023.D
 Acq On : 19 Oct 2021 14:03
 Operator : JC/MD
 Sample : VN1019WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1019WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:47:21 PM

Quant Time: Oct 20 05:47:59 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	293503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	519909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	478358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	202866	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	215978	55.812	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.620%	
35) Dibromofluoromethane	8.024	113	164526	54.391	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.780%	
50) Toluene-d8	10.443	98	651898	53.862	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	12.733	95	236814	51.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	66776	19.060	ug/l	97
3) Chloromethane	2.303	50	75074	20.927	ug/l	99
4) Vinyl Chloride	2.443	62	83291	22.858	ug/l	99
5) Bromomethane	2.850	94	58257	29.067	ug/l	96
6) Chloroethane	3.017	64	53887	25.094	ug/l	97
7) Trichlorofluoromethane	3.373	101	109869	21.533	ug/l	99
8) Diethyl Ether	3.829	74	41974	22.055	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.215	101	60709	22.128	ug/l #	88
10) Methyl Iodide	4.425	142	76132	19.119	ug/l	98
11) Tert butyl alcohol	5.363	59	72964	103.187	ug/l	100
12) 1,1-Dichloroethene	4.186	96	57427	20.249	ug/l	96
13) Acrolein	4.047	56	27226	87.039	ug/l	97
14) Allyl chloride	4.846	41	103385	20.336	ug/l	96
15) Acrylonitrile	5.554	53	175978	111.068	ug/l	99
16) Acetone	4.285	43	155235	107.495	ug/l	97
17) Carbon Disulfide	4.535	76	146669	19.056	ug/l	100
18) Methyl Acetate	4.854	43	128387	23.439	ug/l	99
19) Methyl tert-butyl Ether	5.613	73	234925	22.247	ug/l	98
20) Methylene Chloride	5.101	84	72451	21.797	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	62255	20.319	ug/l	98
22) Diisopropyl ether	6.495	45	227827	21.549	ug/l	98
23) Vinyl Acetate	6.433	43	861427	107.778	ug/l	99
24) 1,1-Dichloroethane	6.388	63	122562	21.336	ug/l	100
25) 2-Butanone	7.335	43	241840	110.746	ug/l	98
26) 2,2-Dichloropropane	7.327	77	111035	20.283	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	77735	20.988	ug/l	98
28) Bromochloromethane	7.659	49	47974	18.440	ug/l	99
29) Tetrahydrofuran	7.683	42	158451	111.864	ug/l	98
30) Chloroform	7.820	83	131323	21.693	ug/l	98
31) Cyclohexane	8.096	56	115586	19.211	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	117372	20.798	ug/l	98
36) 1,1-Dichloropropene	8.225	75	94221	21.217	ug/l	99
37) Ethyl Acetate	7.412	43	101035	22.029	ug/l	100
38) Carbon Tetrachloride	8.209	117	99039	20.306	ug/l	98
39) Methylcyclohexane	9.461	83	120454	21.074	ug/l	97
40) Benzene	8.461	78	289936	21.441	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	45711	19.771	ug/l	87
42) 1,2-Dichloroethane	8.531	62	107780	22.508	ug/l	99
43) Isopropyl Acetate	8.560	43	181642	22.446	ug/l	99
44) Trichloroethene	9.217	130	71056	20.995	ug/l	98
45) 1,2-Dichloropropane	9.491	63	76265	21.734	ug/l	99
46) Dibromomethane	9.579	93	53211	22.215	ug/l	98
47) Bromodichloromethane	9.764	83	106849	21.527	ug/l	100
48) Methyl methacrylate	9.561	41	74324	19.547	ug/l	87
49) 1,4-Dioxane	9.569	88	29761	422.914	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	517842	110.360	ug/l	99
52) Toluene	10.507	92	188009	21.610	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	118237	21.029	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	122664	20.969	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	76620	22.337	ug/l	99
56) Ethyl methacrylate	10.762	69	125001	21.705	ug/l	97
57) 1,3-Dichloropropane	11.046	76	127885	22.610	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	136410	93.235	ug/l	99
59) 2-Hexanone	11.087	43	375931	111.718	ug/l	100
60) Dibromochloromethane	11.240	129	79487	20.530	ug/l	100
61) 1,2-Dibromoethane	11.347	107	77792	22.110	ug/l	99
64) Tetrachloroethene	10.979	164	60477	19.626	ug/l	96
65) Chlorobenzene	11.773	112	200644	22.166	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	75692	21.364	ug/l	99
67) Ethyl Benzene	11.846	91	371611	22.101	ug/l	99
68) m/p-Xylenes	11.956	106	276706	43.411	ug/l	99
69) o-Xylene	12.283	106	137409	21.537	ug/l	99
70) Styrene	12.296	104	223603	21.530	ug/l	99
71) Bromoform	12.460	173	54051	19.045	ug/l #	98
73) Isopropylbenzene	12.581	105	357343	21.163	ug/l	100
74) N-amyl acetate	12.390	43	139484	21.804	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	112727	23.101	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	86077m	19.942	ug/l	
77) Bromobenzene	12.862	156	79785	21.368	ug/l	99
78) n-propylbenzene	12.921	91	410359	21.625	ug/l	100
79) 2-Chlorotoluene	13.010	91	251856	21.533	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	301361	21.427	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	34192	18.951	ug/l	96
82) 4-Chlorotoluene	13.106	91	249973	22.117	ug/l	100
83) tert-Butylbenzene	13.326	119	258379	21.104	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	294669	21.745	ug/l	99
85) sec-Butylbenzene	13.503	105	367552	21.677	ug/l	100
86) p-Isopropyltoluene	13.618	119	295689	21.741	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	143190	22.171	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	140291	21.886	ug/l	98
89) n-Butylbenzene	13.946	91	245410	21.675	ug/l	99
90) Hexachloroethane	14.214	117	55380	19.384	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	141059	22.483	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.605	75	20909	22.224	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	62932	20.111	ug/l	99
94) Hexachlorobutadiene	15.372	225	36722	20.556	ug/l	98
95) Naphthalene	15.509	128	175175	21.000	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	61724	20.596	ug/l	99

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

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