

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069232.D
 Acq On : 27 Oct 2021 20:58
 Operator : JC/MD
 Sample : M4337-20MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D(OFFSITE)MSD

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 6:31:17 PM

Quant Time: Oct 28 05:23:30 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	225973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	406189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	387033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	165993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	177416	59.548	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 119.100%			
35) Dibromofluoromethane	8.024	113	135073	57.156	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.320%			
50) Toluene-d8	10.443	98	524824	55.503	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.000%			
62) 4-Bromofluorobenzene	12.733	95	200198	56.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	116040	41.456	ug/l	100
3) Chloromethane	2.301	50	128525	46.533	ug/l	100
4) Vinyl Chloride	2.443	62	151063	53.847	ug/l	99
5) Bromomethane	2.824	94	100886	65.378	ug/l	99
6) Chloroethane	2.998	64	101753	61.545	ug/l	98
7) Trichlorofluoromethane	3.365	101	203249	51.739	ug/l	99
8) Diethyl Ether	3.827	74	76051	51.902	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	106181	50.268	ug/l	100
10) Methyl Iodide	4.422	142	141178	46.050	ug/l	96
11) Tert butyl alcohol	5.366	59	183190	336.492	ug/l	99
12) 1,1-Dichloroethene	4.183	96	105394	48.269	ug/l	98
13) Acrolein	4.044	56	57249	237.713	ug/l	99
14) Allyl chloride	4.840	41	174005	44.455	ug/l	97
15) Acrylonitrile	5.554	53	394376	323.293	ug/l	99
16) Acetone	4.285	43	355922	320.118	ug/l	99
17) Carbon Disulfide	4.532	76	229787	38.777	ug/l	100
18) Methyl Acetate	4.854	43	211242	50.090	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	439563	54.065	ug/l	98
20) Methylene Chloride	5.101	84	130045	50.817	ug/l	99
21) trans-1,2-Dichloroethene	5.597	96	112925	47.871	ug/l	99
22) Diisopropyl ether	6.495	45	411689	50.577	ug/l	97
23) Vinyl Acetate	6.434	43	1183672	192.353	ug/l	98
24) 1,1-Dichloroethane	6.388	63	231191	52.275	ug/l	99
25) 2-Butanone	7.335	43	551188	327.835	ug/l	97
26) 2,2-Dichloropropane	7.329	77	92695	21.993	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	200841	70.432	ug/l	92
28) Bromochloromethane	7.659	49	95493	47.673	ug/l	97
29) Tetrahydrofuran	7.683	42	363754	333.547	ug/l	96
30) Chloroform	7.820	83	257150	55.172	ug/l	99
31) Cyclohexane	8.096	56	202738	43.765	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	225936	52.000	ug/l	99
36) 1,1-Dichloropropene	8.222	75	171819	49.523	ug/l	100
37) Ethyl Acetate	7.412	43	166230	46.391	ug/l	99
38) Carbon Tetrachloride	8.209	117	188851	49.562	ug/l	99
39) Methylcyclohexane	9.461	83	200246	44.842	ug/l	97
40) Benzene	8.461	78	538934	51.012	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	107290	59.398	ug/l	96
42) 1,2-Dichloroethane	8.531	62	206703	55.251	ug/l	100
43) Isopropyl Acetate	8.560	43	301869	47.746	ug/l	98
44) Trichloroethene	9.217	130	148607	56.203	ug/l	98
45) 1,2-Dichloropropane	9.491	63	139688	50.954	ug/l	98
46) Dibromomethane	9.580	93	101344	54.157	ug/l	99
47) Bromodichloromethane	9.765	83	195315	50.367	ug/l	99
48) Methyl methacrylate	9.561	41	155700	52.413	ug/l	90
49) 1,4-Dioxane	9.569	88	70194	1204.801	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1157687	315.795	ug/l	99
52) Toluene	10.507	92	357251	52.559	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	191115	43.508	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	196158	42.920	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	148233	55.314	ug/l	98
56) Ethyl methacrylate	10.762	69	247321	54.966	ug/l	98
57) 1,3-Dichloropropane	11.047	76	246698	55.828	ug/l	100
59) 2-Hexanone	11.087	43	883781	336.171	ug/l	99
60) Dibromochloromethane	11.240	129	152385	50.377	ug/l	99
61) 1,2-Dibromoethane	11.347	107	154651	56.262	ug/l	98
64) Tetrachloroethene	10.980	164	160310	64.298	ug/l	99
65) Chlorobenzene	11.773	112	381775	52.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	145286	50.683	ug/l	100
67) Ethyl Benzene	11.846	91	705996	51.895	ug/l	99
68) m/p-Xylenes	11.956	106	523033	101.419	ug/l	99
69) o-Xylene	12.283	106	266568	51.640	ug/l	99
70) Styrene	12.296	104	438104	52.137	ug/l	100
71) Bromoform	12.460	173	112960	49.192	ug/l #	99
73) Isopropylbenzene	12.581	105	703456	50.914	ug/l	99
74) N-amyl acetate	12.388	43	217104	41.476	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	242648	60.771	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	202731m	57.401	ug/l	
77) Bromobenzene	12.862	156	161802	52.960	ug/l	99
78) n-propylbenzene	12.921	91	777873	50.099	ug/l	99
79) 2-Chlorotoluene	13.010	91	491459	51.353	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	572749	49.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	55384	37.517	ug/l	93
82) 4-Chlorotoluene	13.106	91	470933	50.923	ug/l	100
83) tert-Butylbenzene	13.326	119	512956	51.204	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	568326	51.255	ug/l	100
85) sec-Butylbenzene	13.503	105	699438	50.413	ug/l	100
86) p-Isopropyltoluene	13.619	119	556032	49.965	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	276086	52.243	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	266906	50.888	ug/l	99
89) n-Butylbenzene	13.943	91	427729	46.169	ug/l	99
90) Hexachloroethane	14.214	117	105361	45.071	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	272475	53.077	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	47185	61.293	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	118224	42.801	ug/l	99
94) Hexachlorobutadiene	15.370	225	61906	42.351	ug/l	99
95) Naphthalene	15.507	128	395132	51.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	122545	46.388	ug/l	98

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

