

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069213.D
 Acq On : 27 Oct 2021 12:57
 Operator : JC/MD
 Sample : VN1027WBS05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS05

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 05:20:23 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	248112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	421502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	390270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	160465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	174154	53.237	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.480%	
35) Dibromofluoromethane	8.024	113	132615	54.077	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.160%	
50) Toluene-d8	10.443	98	531346	54.152	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.734	95	191861	51.826	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	51143	17.385	ug/l	99
3) Chloromethane	2.303	50	53089	17.506	ug/l	99
4) Vinyl Chloride	2.446	62	63279	20.543	ug/l	99
5) Bromomethane	2.853	94	43387	25.608	ug/l	95
6) Chloroethane	3.019	64	41252	22.725	ug/l	95
7) Trichlorofluoromethane	3.376	101	87647	20.321	ug/l	98
8) Diethyl Ether	3.827	74	32562	20.239	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.213	101	49004	21.129	ug/l	99
10) Methyl Iodide	4.428	142	55681	16.542	ug/l	98
11) Tert butyl alcohol	5.364	59	58794	98.359	ug/l #	85
12) 1,1-Dichloroethene	4.186	96	44457	18.544	ug/l	97
13) Acrolein	4.044	56	12735	48.161	ug/l	95
14) Allyl chloride	4.843	41	77644	18.066	ug/l	96
15) Acrylonitrile	5.557	53	145171	108.386	ug/l	99
16) Acetone	4.288	43	144100	118.040	ug/l	99
17) Carbon Disulfide	4.537	76	97305	14.955	ug/l	99
18) Methyl Acetate	4.857	43	103811	22.419	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	180581	20.229	ug/l	98
20) Methylene Chloride	5.098	84	55121	19.617	ug/l	97
21) trans-1,2-Dichloroethene	5.597	96	47729	18.428	ug/l	95
22) Diisopropyl ether	6.495	45	169962	19.017	ug/l	99
23) Vinyl Acetate	6.434	43	645036	95.468	ug/l	98
24) 1,1-Dichloroethane	6.391	63	96276	19.827	ug/l	98
25) 2-Butanone	7.335	43	203374	110.169	ug/l	96
26) 2,2-Dichloropropane	7.329	77	87032	18.807	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	59926	19.140	ug/l	99
28) Bromochloromethane	7.659	49	46353	21.076	ug/l	96
29) Tetrahydrofuran	7.686	42	124457	103.939	ug/l	94
30) Chloroform	7.820	83	104695	20.458	ug/l	100
31) Cyclohexane	8.096	56	89670	17.630	ug/l	92
32) 1,1,1-Trichloroethane	8.019	97	93440	19.586	ug/l	98
36) 1,1-Dichloropropene	8.223	75	74125	20.589	ug/l	98
37) Ethyl Acetate	7.415	43	79310	21.329	ug/l	99
38) Carbon Tetrachloride	8.209	117	78125	19.758	ug/l	98
39) Methylcyclohexane	9.462	83	91738	19.797	ug/l	96
40) Benzene	8.461	78	223094	20.350	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	37819	20.177	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	86361	22.245	ug/l	99
43) Isopropyl Acetate	8.560	43	134669	20.527	ug/l	98
44) Trichloroethene	9.218	130	55878	20.365	ug/l	97
45) 1,2-Dichloropropane	9.491	63	58043	20.403	ug/l	99
46) Dibromomethane	9.580	93	40211	20.707	ug/l	99
47) Bromodichloromethane	9.765	83	78542	19.518	ug/l	98
48) Methyl methacrylate	9.561	41	58119	18.854	ug/l	88
49) 1,4-Dioxane	9.569	88	24340	426.318	ug/l	96
51) 4-Methyl-2-Pentanone	10.331	43	412718	108.492	ug/l	99
52) Toluene	10.508	92	146810	20.814	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	83895	18.405	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	91639	19.323	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	59536	21.409	ug/l	98
56) Ethyl methacrylate	10.762	69	95673	20.491	ug/l	97
57) 1,3-Dichloropropane	11.047	76	100484	21.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	104796	89.332	ug/l	98
59) 2-Hexanone	11.087	43	304162	111.493	ug/l	100
60) Dibromochloromethane	11.240	129	57500	18.318	ug/l	100
61) 1,2-Dibromoethane	11.347	107	60378	21.167	ug/l	100
64) Tetrachloroethene	10.980	164	50050	19.908	ug/l	97
65) Chlorobenzene	11.771	112	155826	21.100	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	58653	20.292	ug/l	99
67) Ethyl Benzene	11.846	91	288427	21.025	ug/l	99
68) m/p-Xylenes	11.956	106	215363	41.414	ug/l	99
69) o-Xylene	12.283	106	106932	20.543	ug/l	100
70) Styrene	12.296	104	171445	20.234	ug/l	99
71) Bromoform	12.460	173	39924	17.242	ug/l #	100
73) Isopropylbenzene	12.581	105	283690	21.240	ug/l	99
74) N-amyl acetate	12.390	43	98337	19.433	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	89080	23.079	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	80481m	23.572	ug/l	
77) Bromobenzene	12.862	156	62786	21.259	ug/l	99
78) n-propylbenzene	12.921	91	316901	21.113	ug/l	100
79) 2-Chlorotoluene	13.010	91	196051	21.191	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	235138	21.136	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	23713	16.616	ug/l	89
82) 4-Chlorotoluene	13.106	91	187347	20.956	ug/l	100
83) tert-Butylbenzene	13.326	119	204077	21.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	230761	21.528	ug/l	99
85) sec-Butylbenzene	13.503	105	282848	21.089	ug/l	99
86) p-Isopropyltoluene	13.619	119	226393	21.045	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	106786	20.903	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	104529	20.616	ug/l	99
89) n-Butylbenzene	13.943	91	175518	19.598	ug/l	99
90) Hexachloroethane	14.211	117	39582	17.516	ug/l	100
91) 1,2-Dichlorobenzene	13.989	146	103538	20.864	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	15375	20.660	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	44557	18.274	ug/l	99
94) Hexachlorobutadiene	15.373	225	27400	19.390	ug/l	99
95) Naphthalene	15.509	128	116865	18.308	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	43376	18.578	ug/l	97

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

