

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069180.D
 Acq On : 26 Oct 2021 12:07
 Operator : JC/MD
 Sample : VN1027WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:04:58 PM

Quant Time: Oct 27 06:52:49 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	258970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	445250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	413331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	188788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	188335	55.159	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.320%			
35) Dibromofluoromethane	8.024	113	143803	55.512	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.020%			
50) Toluene-d8	10.443	98	580886	56.043	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.080%			
62) 4-Bromofluorobenzene	12.734	95	222482	56.892	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	55936	18.158	ug/l	99
3) Chloromethane	2.303	50	55827	17.637	ug/l	98
4) Vinyl Chloride	2.445	62	68363	21.263	ug/l	99
5) Bromomethane	2.864	94	44535	25.183	ug/l	100
6) Chloroethane	3.025	64	44644	23.562	ug/l	99
7) Trichlorofluoromethane	3.382	101	93838	20.844	ug/l	98
8) Diethyl Ether	3.829	74	34488	20.538	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.218	101	54295	22.429	ug/l	98
10) Methyl Iodide	4.427	142	49543	14.101	ug/l #	94
11) Tert butyl alcohol	5.366	59	63348	101.534	ug/l	99
12) 1,1-Dichloroethene	4.189	96	49267	19.689	ug/l	98
13) Acrolein	4.041	56	14802m	53.631	ug/l	
14) Allyl chloride	4.846	41	87141	19.426	ug/l	97
15) Acrylonitrile	5.557	53	158079	113.075	ug/l	99
16) Acetone	4.288	43	160902	126.277	ug/l	100
17) Carbon Disulfide	4.537	76	114338	16.836	ug/l	100
18) Methyl Acetate	4.857	43	110167	22.795	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	193804	20.800	ug/l	97
20) Methylene Chloride	5.101	84	58591	19.978	ug/l	96
21) trans-1,2-Dichloroethene	5.602	96	53317	19.722	ug/l	92
22) Diisopropyl ether	6.495	45	184371	19.764	ug/l	98
23) Vinyl Acetate	6.436	43	710087	100.690	ug/l	99
24) 1,1-Dichloroethane	6.391	63	104629	20.643	ug/l	99
25) 2-Butanone	7.335	43	226091	117.340	ug/l	98
26) 2,2-Dichloropropane	7.329	77	97994	20.288	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	64647	19.782	ug/l	97
28) Bromochloromethane	7.659	49	39414	17.170	ug/l	97
29) Tetrahydrofuran	7.686	42	141903	113.540	ug/l	97
30) Chloroform	7.820	83	112880	21.133	ug/l	98
31) Cyclohexane	8.096	56	98820	18.614	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	100428	20.169	ug/l	99
36) 1,1-Dichloropropene	8.222	75	81763	21.499	ug/l	99
37) Ethyl Acetate	7.410	43	87361	22.241	ug/l	98
38) Carbon Tetrachloride	8.209	117	85050	20.362	ug/l	98
39) Methylcyclohexane	9.462	83	101052	20.644	ug/l	98
40) Benzene	8.461	78	243090	20.991	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	42284	21.356	ug/l	94
42) 1,2-Dichloroethane	8.531	62	89918	21.926	ug/l	100
43) Isopropyl Acetate	8.560	43	150073	21.655	ug/l	99
44) Trichloroethene	9.217	130	62609	21.601	ug/l	99
45) 1,2-Dichloropropane	9.491	63	62436	20.777	ug/l	98
46) Dibromomethane	9.580	93	44153	21.525	ug/l	99
47) Bromodichloromethane	9.765	83	85249	20.055	ug/l	97
48) Methyl methacrylate	9.561	41	68460	21.024	ug/l	95
49) 1,4-Dioxane	9.566	88	25389	421.420	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	454909	113.204	ug/l	100
52) Toluene	10.508	92	161621	21.692	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	96358	20.012	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	100257	20.012	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	64597	21.990	ug/l	97
56) Ethyl methacrylate	10.762	69	104574	21.202	ug/l	97
57) 1,3-Dichloropropane	11.047	76	107714	22.237	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	153930	116.892	ug/l	99
59) 2-Hexanone	11.087	43	340105	118.019	ug/l	99
60) Dibromochloromethane	11.240	129	64133	19.342	ug/l	99
61) 1,2-Dibromoethane	11.347	107	66320	22.011	ug/l	99
64) Tetrachloroethene	10.980	164	54240	20.371	ug/l	95
65) Chlorobenzene	11.773	112	169680	21.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	63278	20.670	ug/l	99
67) Ethyl Benzene	11.846	91	318091	21.894	ug/l	99
68) m/p-Xylenes	11.956	106	239666	43.516	ug/l	100
69) o-Xylene	12.283	106	118075	21.418	ug/l	100
70) Styrene	12.296	104	193762	21.592	ug/l	99
71) Bromoform	12.460	173	44886	18.303	ug/l #	97
73) Isopropylbenzene	12.581	105	314212	19.996	ug/l	100
74) N-amyl acetate	12.390	43	116082	19.499	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	99016	21.804	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	82051m	20.427	ug/l	
77) Bromobenzene	12.862	156	72009	20.724	ug/l	96
78) n-propylbenzene	12.924	91	366536	20.756	ug/l	100
79) 2-Chlorotoluene	13.010	91	221056	20.309	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	262422	20.050	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	28285	16.846	ug/l	94
82) 4-Chlorotoluene	13.106	91	219884	20.906	ug/l	99
83) tert-Butylbenzene	13.326	119	231209	20.293	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	258190	20.474	ug/l	100
85) sec-Butylbenzene	13.503	105	330056	20.917	ug/l	99
86) p-Isopropyltoluene	13.619	119	263723	20.837	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	129502	21.546	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	128010	21.459	ug/l	99
89) n-Butylbenzene	13.946	91	226283	21.476	ug/l	99
90) Hexachloroethane	14.214	117	44584	16.769	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	124405	21.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	18241	20.834	ug/l	98
93) 1,2,4-Trichlorobenzene	15.268	180	60282	20.624	ug/l	98
94) Hexachlorobutadiene	15.373	225	33585	20.202	ug/l	100
95) Naphthalene	15.509	128	163133	21.012	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	57416	20.588	ug/l	98

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

