

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069181.D
 Acq On : 26 Oct 2021 13:19
 Operator : JC/MD
 Sample : VN1027WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/27/2021 5:05:00 PM

Quant Time: Oct 27 06:53:28 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	275968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	474290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	437585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	197334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	194195	53.372	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.740%			
35) Dibromofluoromethane	8.024	113	148799	53.923	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.840%			
50) Toluene-d8	10.443	98	592547	53.668	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.340%			
62) 4-Bromofluorobenzene	12.733	95	224509	53.895	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	58347	17.800	ug/l	96
3) Chloromethane	2.303	50	58463	17.332	ug/l	100
4) Vinyl Chloride	2.445	62	70865	20.684	ug/l	99
5) Bromomethane	2.866	94	46114	24.470	ug/l	98
6) Chloroethane	3.025	64	45566	22.567	ug/l	98
7) Trichlorofluoromethane	3.381	101	98972	20.630	ug/l	100
8) Diethyl Ether	3.829	74	35791	20.001	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.218	101	55928	21.681	ug/l	98
10) Methyl Iodide	4.427	142	56141	14.995	ug/l	98
11) Tert butyl alcohol	5.361	59	67843	102.041	ug/l #	84
12) 1,1-Dichloroethene	4.189	96	51610	19.355	ug/l	96
13) Acrolein	4.046	56	11520	39.168	ug/l	97
14) Allyl chloride	4.848	41	89152	18.650	ug/l	95
15) Acrylonitrile	5.556	53	164704	110.557	ug/l	100
16) Acetone	4.288	43	174261	128.337	ug/l	99
17) Carbon Disulfide	4.537	76	121137	16.739	ug/l	99
18) Methyl Acetate	4.856	43	114045	22.143	ug/l	97
19) Methyl tert-butyl Ether	5.615	73	200816	20.225	ug/l	98
20) Methylene Chloride	5.100	84	62984	20.153	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	55655	19.319	ug/l	98
22) Diisopropyl ether	6.495	45	192196	19.334	ug/l	99
23) Vinyl Acetate	6.433	43	737030	98.073	ug/l	100
24) 1,1-Dichloroethane	6.390	63	107753	19.950	ug/l	100
25) 2-Butanone	7.335	43	239333	116.562	ug/l	100
26) 2,2-Dichloropropane	7.329	77	101393	19.699	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	69273	19.892	ug/l	99
28) Bromochloromethane	7.659	49	45503	18.601	ug/l	95
29) Tetrahydrofuran	7.683	42	145293	109.092	ug/l	96
30) Chloroform	7.820	83	116434	20.455	ug/l	98
31) Cyclohexane	8.096	56	102388	18.098	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	103930	19.586	ug/l	100
36) 1,1-Dichloropropene	8.225	75	84666	20.899	ug/l	99
37) Ethyl Acetate	7.412	43	90491	21.628	ug/l	99
38) Carbon Tetrachloride	8.209	117	88961	19.995	ug/l	98
39) Methylcyclohexane	9.461	83	106634	20.450	ug/l	97
40) Benzene	8.464	78	254176	20.604	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	44200	20.957	ug/l	95
42) 1,2-Dichloroethane	8.533	62	93400	21.381	ug/l	99
43) Isopropyl Acetate	8.560	43	154540	20.934	ug/l	98
44) Trichloroethene	9.217	130	65398	21.182	ug/l	97
45) 1,2-Dichloropropane	9.491	63	65407	20.433	ug/l	100
46) Dibromomethane	9.579	93	46145	21.118	ug/l	100
47) Bromodichloromethane	9.764	83	90549	19.998	ug/l	98
48) Methyl methacrylate	9.561	41	66070	19.048	ug/l	91
49) 1,4-Dioxane	9.569	88	27532	428.368	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	471549	110.160	ug/l	98
52) Toluene	10.507	92	168067	21.176	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	100406	19.576	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	106311	19.921	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	67418	21.545	ug/l	99
56) Ethyl methacrylate	10.762	69	108923	20.732	ug/l	98
57) 1,3-Dichloropropane	11.046	76	111201	21.551	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	125678	93.975	ug/l	99
59) 2-Hexanone	11.087	43	357810	116.561	ug/l	99
60) Dibromochloromethane	11.239	129	67305	19.055	ug/l	100
61) 1,2-Dibromoethane	11.347	107	69319	21.597	ug/l	99
64) Tetrachloroethene	10.979	164	57555	20.418	ug/l	97
65) Chlorobenzene	11.773	112	180612	21.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	65544	20.224	ug/l	99
67) Ethyl Benzene	11.846	91	333674	21.694	ug/l	100
68) m/p-Xylenes	11.956	106	250855	43.023	ug/l	100
69) o-Xylene	12.283	106	122500	20.989	ug/l	98
70) Styrene	12.296	104	202390	21.303	ug/l	100
71) Bromoform	12.460	173	47914	18.455	ug/l #	99
73) Isopropylbenzene	12.580	105	329462	20.058	ug/l	99
74) N-amyl acetate	12.390	43	120939	19.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	101291	21.339	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	91148m	21.709	ug/l	
77) Bromobenzene	12.862	156	75051	20.664	ug/l	97
78) n-propylbenzene	12.924	91	382600	20.728	ug/l	100
79) 2-Chlorotoluene	13.010	91	229985	20.215	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	274092	20.034	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	29896	17.035	ug/l	91
82) 4-Chlorotoluene	13.106	91	227280	20.673	ug/l	100
83) tert-Butylbenzene	13.326	119	236895	19.891	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	269308	20.430	ug/l	100
85) sec-Butylbenzene	13.503	105	344339	20.877	ug/l	99
86) p-Isopropyltoluene	13.618	119	280605	21.210	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	136159	21.673	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	132913	21.316	ug/l	98
89) n-Butylbenzene	13.946	91	241073	21.889	ug/l	100
90) Hexachloroethane	14.214	117	47170	16.973	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	130352	21.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	19234	21.017	ug/l	98
93) 1,2,4-Trichlorobenzene	15.268	180	66085	21.504	ug/l	98
94) Hexachlorobutadiene	15.372	225	35242	20.280	ug/l	96
95) Naphthalene	15.509	128	182424	22.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	62496	21.335	ug/l	99

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

