

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068085.D
 Acq On : 12 Aug 2021 13:13
 Operator : JC/MD
 Sample : VN0812WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 10:56:17 AM

Quant Time: Aug 13 05:40:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	416830	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	750226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	719035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	317712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	332092	56.278	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.560%			
35) Dibromofluoromethane	8.021	113	256195	58.596	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 117.200%			
50) Toluene-d8	10.443	98	1024178	50.698	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.400%			
62) 4-Bromofluorobenzene	12.733	95	360954	48.984	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	81120	18.993	ug/l	99
3) Chloromethane	2.301	50	97192	18.319	ug/l	96
4) Vinyl Chloride	2.440	62	153998	18.604	ug/l	99
5) Bromomethane	2.840	94	125326	16.988	ug/l	95
6) Chloroethane	3.009	64	115719	18.029	ug/l	97
7) Trichlorofluoromethane	3.368	101	279629	18.642	ug/l	98
8) Diethyl Ether	3.819	74	88903	31.191	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.194	101	89329	20.658	ug/l	95
10) Methyl Iodide	4.419	142	99674	19.666	ug/l	91
11) Tert butyl alcohol	5.388	59	83983	106.223	ug/l	# 86
12) 1,1-Dichloroethene	4.167	96	78652	19.899	ug/l	87
13) Acrolein	4.036	56	54252	101.112	ug/l	98
14) Allyl chloride	4.832	41	130797	19.486	ug/l	97
15) Acrylonitrile	5.557	53	231938	104.667	ug/l	99
16) Acetone	4.288	43	241333	112.086	ug/l	93
17) Carbon Disulfide	4.519	76	203438	17.748	ug/l	99
18) Methyl Acetate	4.854	43	110538	21.294	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	297203	20.031	ug/l	100
20) Methylene Chloride	5.093	84	100739	20.093	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	90531	19.693	ug/l	89
22) Diisopropyl ether	6.498	45	301828	20.256	ug/l	98
23) Vinyl Acetate	6.434	43	1228785m	93.025	ug/l	
24) 1,1-Dichloroethane	6.385	63	171815	19.938	ug/l	98
25) 2-Butanone	7.340	43	333818	106.867	ug/l	94
26) 2,2-Dichloropropane	7.324	77	153089	20.312	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	108518	19.857	ug/l	85
28) Bromochloromethane	7.657	49	68460	16.657	ug/l	# 82
29) Tetrahydrofuran	7.689	42	205335	102.653	ug/l	92
30) Chloroform	7.817	83	191049	20.018	ug/l	100
31) Cyclohexane	8.094	56	155290	17.840	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	167730	20.346	ug/l	98
36) 1,1-Dichloropropene	8.220	75	132609	19.109	ug/l	94
37) Ethyl Acetate	7.415	43	126240	19.329	ug/l	97
38) Carbon Tetrachloride	8.204	117	139546	20.447	ug/l	96
39) Methylcyclohexane	9.461	83	147657	19.689	ug/l	92
40) Benzene	8.461	78	406929	19.807	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	63541	20.423	ug/l	92
42) 1,2-Dichloroethane	8.531	62	150290	19.806	ug/l	96
43) Isopropyl Acetate	8.563	43	223215	20.510	ug/l	96
44) Trichloroethene	9.215	130	105832	20.366	ug/l	88
45) 1,2-Dichloropropane	9.491	63	106680	20.841	ug/l	99
46) Dibromomethane	9.579	93	76060	20.552	ug/l	95
47) Bromodichloromethane	9.762	83	147860	20.963	ug/l	95
48) Methyl methacrylate	9.563	41	94918	18.991	ug/l	90
49) 1,4-Dioxane	9.569	88	40013	462.226	ug/l	87
51) 4-Methyl-2-Pentanone	10.333	43	700764	96.481	ug/l	96
52) Toluene	10.507	92	278395	20.855	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	156606	19.315	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	165021	19.292	ug/l	89
55) 1,1,2-Trichloroethane	10.902	97	109297	21.118	ug/l	96
56) Ethyl methacrylate	10.762	69	158929	19.119	ug/l	89
57) 1,3-Dichloropropane	11.047	76	178772	21.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	124784	85.784	ug/l	93
59) 2-Hexanone	11.089	43	512965	99.214	ug/l	94
60) Dibromochloromethane	11.240	129	111188	19.368	ug/l	98
61) 1,2-Dibromoethane	11.347	107	112177	21.105	ug/l	99
64) Tetrachloroethene	10.979	164	97977	19.025	ug/l	97
65) Chlorobenzene	11.773	112	297109	20.316	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	111170	20.005	ug/l	99
67) Ethyl Benzene	11.846	91	535081	20.546	ug/l	96
68) m/p-Xylenes	11.956	106	411028	38.721	ug/l	86
69) o-Xylene	12.283	106	199634	20.851	ug/l	86
70) Styrene	12.296	104	329119	19.145	ug/l	93
71) Bromoform	12.460	173	73868	18.808	ug/l #	98
73) Isopropylbenzene	12.581	105	513471	19.809	ug/l	98
74) N-amyl acetate	12.390	43	172382	19.133	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	160740	20.521	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	129948m	20.366	ug/l	
77) Bromobenzene	12.862	156	119094	20.010	ug/l	76
78) n-propylbenzene	12.924	91	595235	20.349	ug/l	95
79) 2-Chlorotoluene	13.010	91	357525	20.054	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	426484	20.299	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	38686	19.228	ug/l	98
82) 4-Chlorotoluene	13.106	91	358933	20.053	ug/l	92
83) tert-Butylbenzene	13.326	119	352528	20.179	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	416835	20.477	ug/l	94
85) sec-Butylbenzene	13.503	105	501314	20.515	ug/l	96
86) p-Isopropyltoluene	13.619	119	407109	20.940	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	218449	19.983	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	223262	20.681	ug/l	95
89) n-Butylbenzene	13.946	91	332014	19.916	ug/l	98
90) Hexachloroethane	14.211	117	72947	21.937	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	204196	19.837	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	25486	20.379	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	88839	20.775	ug/l	97
94) Hexachlorobutadiene	15.370	225	44889	20.986	ug/l	99
95) Naphthalene	15.507	128	232300	19.564	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	85155	20.952	ug/l	95

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

