

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068639.D
 Acq On : 24 Sep 2021 15:20
 Operator : JC/MD
 Sample : VN0924WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2021 10:23:41 AM

Quant Time: Sep 24 17:20:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	379138	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	643221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	589361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	350939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	297231	50.246	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.500%
35) Dibromofluoromethane	8.021	113	225402	52.389	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.780%
50) Toluene-d8	10.443	98	873795	47.899	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.800%
62) 4-Bromofluorobenzene	12.733	95	300572	48.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.360%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	83405	20.578	ug/l	96
3) Chloromethane	2.301	50	104999	15.707	ug/l	97
4) Vinyl Chloride	2.443	62	120205	18.518	ug/l	96
5) Bromomethane	2.856	94	86955	29.419	ug/l	96
6) Chloroethane	3.019	64	87650	24.766	ug/l	98
7) Trichlorofluoromethane	3.376	101	144348	19.111	ug/l	99
8) Diethyl Ether	3.827	74	53156	20.033	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.215	101	81387	20.159	ug/l	91
10) Methyl Iodide	4.427	142	87979	18.129	ug/l	92
11) Tert butyl alcohol	5.358	59	81093	89.011	ug/l	# 86
12) 1,1-Dichloroethene	4.183	96	74264	19.365	ug/l	92
13) Acrolein	4.041	56	25567	93.810	ug/l	98
14) Allyl chloride	4.843	41	142087	17.850	ug/l	97
15) Acrylonitrile	5.554	53	241498	98.345	ug/l	99
16) Acetone	4.285	43	204458	87.799	ug/l	95
17) Carbon Disulfide	4.535	76	201056	17.683	ug/l	98
18) Methyl Acetate	4.859	43	163154	18.741	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	287691m	19.994	ug/l	
20) Methylene Chloride	5.098	84	95514	20.108	ug/l	98
21) trans-1,2-Dichloroethene	5.597	96	80819	19.379	ug/l	95
22) Diisopropyl ether	6.495	45	322301	19.653	ug/l	97
23) Vinyl Acetate	6.436	43	1264607	97.962	ug/l	98
24) 1,1-Dichloroethane	6.388	63	168537	19.824	ug/l	99
25) 2-Butanone	7.335	43	342279	94.859	ug/l	99
26) 2,2-Dichloropropane	7.329	77	135016	18.612	ug/l	94
27) cis-1,2-Dichloroethene	7.329	96	98240	19.992	ug/l	92
28) Bromochloromethane	7.662	49	33484	8.838	ug/l	90
29) Tetrahydrofuran	7.683	42	229899	100.237	ug/l	98
30) Chloroform	7.820	83	174252	20.213	ug/l	97
31) Cyclohexane	8.094	56	157786	18.999	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	152438	20.199	ug/l	100
36) 1,1-Dichloropropene	8.222	75	125721	19.353	ug/l	96
37) Ethyl Acetate	7.412	43	142123	19.270	ug/l	97
38) Carbon Tetrachloride	8.212	117	134199	20.000	ug/l	98
39) Methylcyclohexane	9.461	83	153120	20.121	ug/l	99
40) Benzene	8.461	78	379394	19.900	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	74649	19.137	ug/l	98
42) 1,2-Dichloroethane	8.531	62	147047	19.821	ug/l	93
43) Isopropyl Acetate	8.560	43	249825	19.801	ug/l	99
44) Trichloroethene	9.217	130	94943	20.663	ug/l	82
45) 1,2-Dichloropropane	9.494	63	118574	23.622	ug/l	100
46) Dibromomethane	9.577	93	72779	21.930	ug/l	92
47) Bromodichloromethane	9.762	83	148516	21.580	ug/l	100
48) Methyl methacrylate	9.561	41	108720	18.867	ug/l	95
49) 1,4-Dioxane	9.569	88	33301	396.167	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	784245	102.784	ug/l	98
52) Toluene	10.507	92	242828	20.098	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	159110	20.957	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	169629	21.386	ug/l	98
55) 1,1,2-Trichloroethane	10.904	97	109883	23.461	ug/l	98
56) Ethyl methacrylate	10.762	69	161449	19.706	ug/l	98
57) 1,3-Dichloropropane	11.046	76	223235	27.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	157461	79.066	ug/l	95
59) 2-Hexanone	11.087	43	734156	133.804	ug/l	99
60) Dibromochloromethane	11.240	129	137109	27.088	ug/l	99
61) 1,2-Dibromoethane	11.347	107	122302	25.529	ug/l	99
64) Tetrachloroethene	10.979	164	107559	27.793	ug/l	96
65) Chlorobenzene	11.773	112	263520	21.165	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	102859	22.629	ug/l	99
67) Ethyl Benzene	11.846	91	481023	21.205	ug/l	99
68) m/p-Xylenes	11.956	106	354630	42.593	ug/l	87
69) o-Xylene	12.283	106	194337	23.759	ug/l	91
70) Styrene	12.296	104	314905	23.936	ug/l	95
71) Bromoform	12.460	173	74649	21.770	ug/l #	100
73) Isopropylbenzene	12.583	105	453286	14.405	ug/l	97
74) N-amyl acetate	12.390	43	190266	14.167	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	149693	15.181	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	121776m	14.034	ug/l	
77) Bromobenzene	12.862	156	110943	15.378	ug/l	80
78) n-propylbenzene	12.921	91	519077	14.527	ug/l	96
79) 2-Chlorotoluene	13.012	91	334290	15.484	ug/l	91
80) 1,3,5-Trimethylbenzene	13.063	105	368320	14.905	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	49019	15.957	ug/l	97
82) 4-Chlorotoluene	13.104	91	315365	15.032	ug/l	92
83) tert-Butylbenzene	13.326	119	328824	14.650	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	496671	20.617	ug/l	94
85) sec-Butylbenzene	13.503	105	632980	20.729	ug/l	96
86) p-Isopropyltoluene	13.618	119	511647	20.925	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	249369	20.370	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	245007	19.707	ug/l	96
89) n-Butylbenzene	13.946	91	404112	19.049	ug/l	98
90) Hexachloroethane	14.211	117	81346	16.865	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	231083	19.463	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	28226	15.446	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	90775	15.413	ug/l	98
94) Hexachlorobutadiene	15.372	225	48677	15.380	ug/l	99
95) Naphthalene	15.509	128	221246	14.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	90112	15.660	ug/l	98

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

