

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068682.D
 Acq On : 25 Sep 2021 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:01:10 AM

Quant Time: Sep 27 04:49:19 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	8.086	168	485930	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	801552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1154433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	426964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	342158	45.003	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.000%		
35) Dibromofluoromethane	8.021	113	258028	48.053	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.100%		
50) Toluene-d8	10.441	98	1154431	50.783	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.560%		
62) 4-Bromofluorobenzene	12.734	95	373181	48.000	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	204331	39.333	ug/l	99
3) Chloromethane	2.301	50	258172	30.133	ug/l	100
4) Vinyl Chloride	2.443	62	315858	37.965	ug/l	97
5) Bromomethane	2.837	94	202814	61.949	ug/l	97
6) Chloroethane	3.009	64	233991	54.387	ug/l	98
7) Trichlorofluoromethane	3.371	101	377254	38.970	ug/l	98
8) Diethyl Ether	3.827	74	139699	41.079	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	204783	39.577	ug/l	91
10) Methyl Iodide	4.422	142	246167	39.578	ug/l	90
11) Tert butyl alcohol	5.364	59	213037	182.447	ug/l	98
12) 1,1-Dichloroethene	4.183	96	191344	38.930	ug/l	91
13) Acrolein	4.041	56	73161	201.033	ug/l	98
14) Allyl chloride	4.843	41	378909	37.141	ug/l	96
15) Acrylonitrile	5.554	53	639899	203.317	ug/l	99
16) Acetone	4.285	43	534476	191.578	ug/l	94
17) Carbon Disulfide	4.535	76	499548	34.279	ug/l	99
18) Methyl Acetate	4.854	43	428484	38.402	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	759142	41.165	ug/l	98
20) Methylene Chloride	5.098	84	240060	41.422	ug/l	97
21) trans-1,2-Dichloroethene	5.600	96	207403	38.802	ug/l	94
22) Diisopropyl ether	6.495	45	842049	40.062	ug/l	98
23) Vinyl Acetate	6.434	43	3362067	203.204	ug/l	99
24) 1,1-Dichloroethane	6.391	63	441489	40.516	ug/l	100
25) 2-Butanone	7.332	43	913073	197.436	ug/l	100
26) 2,2-Dichloropropane	7.327	77	314887	33.867	ug/l	94
27) cis-1,2-Dichloroethene	7.324	96	257311	40.856	ug/l	90
28) Bromochloromethane	7.659	49	210702	43.394	ug/l	90
29) Tetrahydrofuran	7.683	42	619046	210.590	ug/l	99
30) Chloroform	7.820	83	460733	41.698	ug/l	99
31) Cyclohexane	8.099	56	393256	36.946	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	407453	42.124	ug/l	98
36) 1,1-Dichloropropene	8.223	75	328467	40.574	ug/l	97
37) Ethyl Acetate	7.410	43	382854	41.656	ug/l	99
38) Carbon Tetrachloride	8.204	117	361510	43.235	ug/l	98
39) Methylcyclohexane	9.462	83	561142	59.172	ug/l	97
40) Benzene	8.461	78	996138	41.929	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	195729	40.265	ug/l	99
42) 1,2-Dichloroethane	8.531	62	386473	41.805	ug/l	98
43) Isopropyl Acetate	8.560	43	689020	43.824	ug/l	98
44) Trichloroethene	9.218	130	249625	43.596	ug/l	88
45) 1,2-Dichloropropane	9.488	63	355933	56.902	ug/l	99
46) Dibromomethane	9.577	93	192843	46.630	ug/l	93
47) Bromodichloromethane	9.765	83	411936	48.033	ug/l	99
48) Methyl methacrylate	9.561	41	335880	46.773	ug/l	95
49) 1,4-Dioxane	9.569	88	88085	840.913	ug/l	95
51) 4-Methyl-2-Pentanone	10.331	43	3028804	318.548	ug/l	100
52) Toluene	10.505	92	677521	45.000	ug/l	100
53) t-1,3-Dichloropropene	10.717	75	447302	47.277	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	650676	65.830	ug/l	96
55) 1,1,2-Trichloroethane	10.896	97	306312	52.481	ug/l	99
56) Ethyl methacrylate	10.760	69	531324	50.885	ug/l	98
57) 1,3-Dichloropropane	11.044	76	508055	49.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	554228	201.393	ug/l	96
59) 2-Hexanone	11.087	43	1687250	246.768	ug/l	98
60) Dibromochloromethane	11.240	129	464717	73.676	ug/l	100
61) 1,2-Dibromoethane	11.347	107	427032	71.529	ug/l	100
64) Tetrachloroethene	10.977	164	228295	30.116	ug/l	95
65) Chlorobenzene	11.771	112	1091432	44.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	412558	46.336	ug/l	100
67) Ethyl Benzene	11.846	91	1978531	44.528	ug/l	97
68) m/p-Xylenes	11.953	106	1437208	88.124	ug/l	89
69) o-Xylene	12.283	106	679361	42.401	ug/l	89
70) Styrene	12.296	104	1119623	43.446	ug/l	95
71) Bromoform	12.460	173	254840	37.942	ug/l #	100
73) Isopropylbenzene	12.581	105	1394106	36.415	ug/l	98
74) N-amyl acetate	12.388	43	776874	47.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	424388	35.375	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	369330m	34.984	ug/l	
77) Bromobenzene	12.862	156	292968	33.379	ug/l	80
78) n-propylbenzene	12.924	91	1647491	37.896	ug/l	97
79) 2-Chlorotoluene	13.010	91	905077	34.458	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	1099948	36.586	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	132035	35.329	ug/l	99
82) 4-Chlorotoluene	13.109	91	892636	34.972	ug/l	94
83) tert-Butylbenzene	13.324	119	1019355	37.328	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	1067693	36.428	ug/l	95
85) sec-Butylbenzene	13.503	105	1327094	35.721	ug/l	96
86) p-Isopropyltoluene	13.619	119	1087318	36.551	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	515588	34.618	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	604926	39.994	ug/l	97
89) n-Butylbenzene	13.943	91	867136	33.597	ug/l	98
90) Hexachloroethane	14.214	117	209657	35.727	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	502339	34.776	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	79373	35.702	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	242275	33.813	ug/l	98
94) Hexachlorobutadiene	15.370	225	177157	46.007	ug/l	99
95) Naphthalene	15.507	128	917592	44.803	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	288071	41.148	ug/l	98

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

