

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090121\
 Data File : VN068385.D
 Acq On : 1 Sep 2021 15:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/2/2021 7:20:11 PM

Quant Time: Sep 02 12:14:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	587872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	839428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	812258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	421455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	285522	47.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.16%		
35) Dibromofluoromethane	8.024	113	264706	49.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.48%		
50) Toluene-d8	10.443	98	990042	49.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.38%		
62) 4-Bromofluorobenzene	12.733	95	335292	51.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.56%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	218766	44.72	ug/l	100
3) Chloromethane	2.309	50	209845	40.93	ug/l	100
4) Vinyl Chloride	2.448	62	351195	44.93	ug/l	100
5) Bromomethane	2.834	94	328250	50.69	ug/l	99
6) Chloroethane	3.009	64	265929	47.46	ug/l	99
7) Trichlorofluoromethane	3.371	101	458804	29.54	ug/l	98
8) Diethyl Ether	3.829	74	144415	32.28	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	261183	53.27	ug/l	98
10) Methyl Iodide	4.430	142	378461	60.50	ug/l	99
11) Tert butyl alcohol	5.369	59	186003	237.06	ug/l #	88
12) 1,1-Dichloroethene	4.186	96	237659	51.85	ug/l	99
13) Acrolein	4.044	56	108001	211.93	ug/l	96
14) Allyl chloride	4.846	41	304705	52.84	ug/l	99
15) Acrylonitrile	5.554	53	511788	238.57	ug/l	99
16) Acetone	4.285	43	468964	297.30	ug/l	99
17) Carbon Disulfide	4.537	76	613661	49.65	ug/l	100
18) Methyl Acetate	4.856	43	250629	56.16	ug/l	100
19) Methyl tert-butyl Ether	5.618	73	802409	54.16	ug/l	99
20) Methylene Chloride	5.098	84	262590	53.03	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	268903	52.42	ug/l	99
22) Diisopropyl ether	6.495	45	676674	53.71	ug/l	99
23) Vinyl Acetate	6.434	43	2582506	265.82	ug/l	100
24) 1,1-Dichloroethane	6.391	63	435683	51.89	ug/l	99
25) 2-Butanone	7.335	43	675910	245.74	ug/l	100
26) 2,2-Dichloropropane	7.327	77	425014	54.36	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	321829	53.57	ug/l	100
28) Bromochloromethane	7.659	49	161377	45.46	ug/l	97
29) Tetrahydrofuran	7.683	42	430739	244.34	ug/l	99
30) Chloroform	7.820	83	517800	51.38	ug/l	100
31) Cyclohexane	8.096	56	395304	49.99	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	484386	52.10	ug/l	99
36) 1,1-Dichloropropene	8.222	75	365540	54.75	ug/l	100
37) Ethyl Acetate	7.412	43	278828	50.13	ug/l	98
38) Carbon Tetrachloride	8.209	117	437354	54.82	ug/l	98
39) Methylcyclohexane	9.461	83	476316	57.25	ug/l	97
40) Benzene	8.461	78	1096870	53.19	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	134964	51.80	ug/l	96
42) 1,2-Dichloroethane	8.531	62	371458	53.75	ug/l	100
43) Isopropyl Acetate	8.560	43	485058	53.91	ug/l	99
44) Trichloroethene	9.217	130	343639	53.97	ug/l	99
45) 1,2-Dichloropropane	9.491	63	255619	53.40	ug/l	95
46) Dibromomethane	9.579	93	210122	53.88	ug/l	95
47) Bromodichloromethane	9.765	83	401467	53.88	ug/l	98
48) Methyl methacrylate	9.561	41	200643	50.97	ug/l	94
49) 1,4-Dioxane	9.569	88	92047	992.03	ug/l	98
51) 4-Methyl-2-Pentanone	10.330	43	1435732	255.34	ug/l	99
52) Toluene	10.507	92	768226	55.39	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	413644	55.86	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	434192	55.22	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	298468	53.24	ug/l	99
56) Ethyl methacrylate	10.762	69	397852	49.31	ug/l	99
57) 1,3-Dichloropropane	11.046	76	450488	53.41	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	267048	191.21	ug/l	99
59) 2-Hexanone	11.087	43	998764	255.15	ug/l	100
60) Dibromochloromethane	11.240	129	367944	57.00	ug/l	100
61) 1,2-Dibromoethane	11.350	107	319746	54.00	ug/l	99
64) Tetrachloroethene	10.979	164	362463	57.13	ug/l	97
65) Chlorobenzene	11.773	112	850961	52.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	351125	55.16	ug/l	99
67) Ethyl Benzene	11.846	91	1464335	54.90	ug/l	99
68) m/p-Xylenes	11.956	106	1202003	111.87	ug/l	100
69) o-Xylene	12.283	106	588099	56.90	ug/l	99
70) Styrene	12.296	104	943828	58.00	ug/l	99
71) Bromoform	12.460	173	289559	47.43	ug/l #	99
73) Isopropylbenzene	12.581	105	1509961	49.92	ug/l	100
74) N-amyl acetate	12.387	43	355937	47.08	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	384518	42.45	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	319500m	44.61	ug/l	
77) Bromobenzene	12.862	156	417247	48.75	ug/l	99
78) n-propylbenzene	12.924	91	1648184	51.44	ug/l	99
79) 2-Chlorotoluene	13.010	91	955910	48.23	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	1256420	51.12	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	107255	49.47	ug/l	97
82) 4-Chlorotoluene	13.106	91	955510	49.92	ug/l	99
83) tert-Butylbenzene	13.326	119	1158867	51.48	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	1237690	51.48	ug/l	99
85) sec-Butylbenzene	13.503	105	1563078	52.79	ug/l	100
86) p-Isopropyltoluene	13.618	119	1365095	55.75	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	751822	51.56	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	730374	50.33	ug/l	100
89) n-Butylbenzene	13.946	91	1019768	55.25	ug/l	100
90) Hexachloroethane	14.214	117	222233	47.11	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	714139	51.60	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	67706	48.14	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	389280	51.66	ug/l	99
94) Hexachlorobutadiene	15.373	225	230202	57.31	ug/l	99
95) Naphthalene	15.507	128	825792	47.73	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	368074	51.43	ug/l	99

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

