

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066707.D
 Acq On : 22 Apr 2021 11:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 1:15:03 PM

Quant Time: Apr 23 06:33:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	316974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.514	114	487200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.346	117	449036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	217847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.948	65	179261	46.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.58%		
35) Dibromofluoromethane	7.508	113	148429	48.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.30%		
50) Toluene-d8	10.026	98	591837	49.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.48%		
62) 4-Bromofluorobenzene	12.343	95	209425	51.40	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.80%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.836	85	171374	47.94	ug/l	100
3) Chloromethane	2.037	50	227579	44.59	ug/l	99
4) Vinyl Chloride	2.163	62	218696	48.18	ug/l	99
5) Bromomethane	2.517	94	128168	49.96	ug/l	96
6) Chloroethane	2.659	64	126954	47.64	ug/l	96
7) Trichlorofluoromethane	2.973	101	237023	48.59	ug/l	100
8) Diethyl Ether	3.356	74	101037	48.69	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.697	101	149272	48.75	ug/l	100
10) Methyl Iodide	3.887	142	230936	48.00	ug/l	97
11) Tert butyl alcohol	4.697	59	115063	234.51	ug/l	99
12) 1,1-Dichloroethene	3.675	96	149020	48.22	ug/l	95
13) Acrolein	3.544	56	108682	200.45	ug/l	97
14) Allyl chloride	4.247	41	288194	48.68	ug/l	94
15) Acrylonitrile	4.888	53	388192	232.09	ug/l	99
16) Acetone	3.748	43	392383	270.70	ug/l	98
17) Carbon Disulfide	3.984	76	462183	46.58	ug/l	98
18) Methyl Acetate	4.247	43	174500	43.41	ug/l	97
19) Methyl tert-butyl Ether	4.952	73	500863	49.63	ug/l	97
20) Methylene Chloride	4.469	84	180696	41.92	ug/l	96
21) trans-1,2-Dichloroethene	4.947	96	165942	48.90	ug/l	93
22) Diisopropyl ether	5.858	45	588837	49.05	ug/l	95
23) Vinyl Acetate	5.799	43	2370932	244.92	ug/l	97
24) 1,1-Dichloroethane	5.757	63	315819	47.38	ug/l	98
25) 2-Butanone	6.738	43	512742	246.59	ug/l	95
26) 2,2-Dichloropropane	6.733	77	265445	48.48	ug/l	99
27) cis-1,2-Dichloroethene	6.735	96	189973	48.28	ug/l	94
28) Bromochloromethane	7.106	49	148231	47.26	ug/l	89
29) Tetrahydrofuran	7.122	42	330472	230.66	ug/l	94
30) Chloroform	7.288	83	302177	48.36	ug/l	98
31) Cyclohexane	7.575	56	299341	47.44	ug/l	94
32) 1,1,1-Trichloroethane	7.489	97	249933	47.87	ug/l	98
36) 1,1-Dichloropropene	7.714	75	232965	51.43	ug/l	99
37) Ethyl Acetate	6.837	43	216931	45.58	ug/l	99
38) Carbon Tetrachloride	7.696	117	212589	49.31	ug/l	97
39) Methylcyclohexane	9.012	83	294080	54.76	ug/l	95
40) Benzene	7.964	78	730544	50.10	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.092	41	97898m	46.29	ug/l	
42) 1,2-Dichloroethane	8.050	62	227688	48.91	ug/l	100
43) Isopropyl Acetate	8.090	43	366620	48.26	ug/l	98
44) Trichloroethene	8.766	130	179431	51.74	ug/l	98
45) 1,2-Dichloropropane	9.050	63	197259	49.77	ug/l	99
46) Dibromomethane	9.141	93	114478	49.48	ug/l	100
47) Bromodichloromethane	9.334	83	242363	49.84	ug/l	99
48) Methyl methacrylate	9.133	41	168105	50.44	ug/l	92
49) 1,4-Dioxane	9.130	88	44355	1101.21	ug/l	92
51) 4-Methyl-2-Pentanone	9.919	43	1031443	242.67	ug/l	98
52) Toluene	10.091	92	446789	52.19	ug/l	99
53) t-1,3-Dichloropropene	10.319	75	270717	52.73	ug/l	96
54) cis-1,3-Dichloropropene	9.774	75	305973	52.30	ug/l	98
55) 1,1,2-Trichloroethane	10.501	97	168479	49.70	ug/l	95
56) Ethyl methacrylate	10.367	69	241241	45.19	ug/l	95
57) 1,3-Dichloropropane	10.643	76	288488	50.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.629	63	184437	207.08	ug/l	95
59) 2-Hexanone	10.689	43	689889	218.52	ug/l	99
60) Dibromochloromethane	10.839	129	184286	51.15	ug/l	100
61) 1,2-Dibromoethane	10.943	107	168849	50.69	ug/l	100
64) Tetrachloroethene	10.571	164	161683	51.01	ug/l	98
65) Chlorobenzene	11.373	112	464396	50.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.448	131	171819	51.84	ug/l	98
67) Ethyl Benzene	11.450	91	851236	54.24	ug/l	99
68) m/p-Xylenes	11.563	106	637197	108.91	ug/l	98
69) o-Xylene	11.888	106	306815	53.25	ug/l	99
70) Styrene	11.906	104	502962	46.61	ug/l	99
71) Bromoform	12.070	173	129164	51.39	ug/l #	99
73) Isopropylbenzene	12.191	105	814295	52.59	ug/l	99
74) N-amyl acetate	12.016	43	200932	54.56	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.445	83	235926	45.15	ug/l	99
76) 1,2,3-Trichloropropane	12.494	75	206233m	44.24	ug/l	
77) Bromobenzene	12.467	156	200636	50.08	ug/l	96
78) n-propylbenzene	12.534	91	948651	54.97	ug/l	99
79) 2-Chlorotoluene	12.614	91	557551	48.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	690396	52.47	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	71100	47.06	ug/l	93
82) 4-Chlorotoluene	12.714	91	571095	53.80	ug/l	99
83) tert-Butylbenzene	12.934	119	582514	49.69	ug/l	99
84) 1,2,4-Trimethylbenzene	12.982	105	664481	52.80	ug/l	97
85) sec-Butylbenzene	13.113	105	784249	53.24	ug/l	100
86) p-Isopropyltoluene	13.231	119	689907	56.30	ug/l	99
87) 1,3-Dichlorobenzene	13.223	146	350408	51.96	ug/l	99
88) 1,4-Dichlorobenzene	13.304	146	350590	48.37	ug/l	98
89) n-Butylbenzene	13.556	91	568767	52.10	ug/l	99
90) Hexachloroethane	13.813	117	131325	47.92	ug/l	92
91) 1,2-Dichlorobenzene	13.596	146	340104	49.39	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.213	75	37090	39.81	ug/l	98
93) 1,2,4-Trichlorobenzene	14.851	180	202854	49.30	ug/l	99
94) Hexachlorobutadiene	14.945	225	108651	51.11	ug/l	98
95) Naphthalene	15.068	128	439435	44.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	183511	47.59	ug/l	98

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

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