

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
 Data File : VN067708.D
 Acq On : 13 Jul 2021 10:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/15/2021 1:17:26 PM

Quant Time: Jul 13 22:15:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	424807	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	754275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	733320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	361382	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	305185	47.54	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.08%
35) Dibromofluoromethane	8.021	113	229148	50.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.56%
50) Toluene-d8	10.443	98	959346	50.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.58%
62) 4-Bromofluorobenzene	12.734	95	345916	51.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.68%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	196860	54.52	ug/l	99
3) Chloromethane	2.301	50	250054	43.72	ug/l	98
4) Vinyl Chloride	2.443	62	372379	43.14	ug/l	99
5) Bromomethane	2.837	94	290449	49.44	ug/l	99
6) Chloroethane	3.009	64	282045	47.99	ug/l	96
7) Trichlorofluoromethane	3.368	101	704070	53.91	ug/l	98
8) Diethyl Ether	3.819	74	135196	39.35	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.200	101	208201	52.88	ug/l	96
10) Methyl Iodide	4.414	142	257907	54.99	ug/l	92
11) Tert butyl alcohol	5.385	59	215389	233.47	ug/l	100
12) 1,1-Dichloroethene	4.173	96	192367	50.93	ug/l	86
13) Acrolein	4.036	56	145700	325.21	ug/l	100
14) Allyl chloride	4.832	41	344393	49.60	ug/l	94
15) Acrylonitrile	5.554	53	593064	259.18	ug/l	99
16) Acetone	4.285	43	533056	263.87	ug/l	93
17) Carbon Disulfide	4.521	76	518394	49.54	ug/l	99
18) Methyl Acetate	4.854	43	271754	47.89	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	818743	52.31	ug/l	100
20) Methylene Chloride	5.093	84	243166	51.58	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	228735	51.22	ug/l	88
22) Diisopropyl ether	6.501	45	835504	53.03	ug/l	96
23) Vinyl Acetate	6.434	43	3542742	263.00	ug/l	95
24) 1,1-Dichloroethane	6.385	63	439455	50.03	ug/l	99
25) 2-Butanone	7.337	43	855720	255.09	ug/l	94
26) 2,2-Dichloropropane	7.327	77	410921	53.53	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	286913	51.34	ug/l	87
28) Bromochloromethane	7.654	49	201764	47.07	ug/l #	79
29) Tetrahydrofuran	7.686	42	551461	249.98	ug/l	91
30) Chloroform	7.820	83	502209	50.90	ug/l	100
31) Cyclohexane	8.094	56	408705	45.40	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	438471	51.25	ug/l	98
36) 1,1-Dichloropropene	8.220	75	368020	52.53	ug/l	96
37) Ethyl Acetate	7.415	43	347923	51.25	ug/l	98
38) Carbon Tetrachloride	8.206	117	379417	54.90	ug/l	98
39) Methylcyclohexane	9.462	83	416134	54.25	ug/l	92
40) Benzene	8.459	78	1106297	52.75	ug/l	99
41) Methacrylonitrile	7.638	41	178034	51.03	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.531	62	406285	52.16	ug/l	96
43) Isopropyl Acetate	8.563	43	627763	52.57	ug/l	96
44) Trichloroethene	9.218	130	283628	53.29	ug/l	85
45) 1,2-Dichloropropane	9.491	63	277534	52.27	ug/l	99
46) Dibromomethane	9.577	93	207368	55.04	ug/l	95
47) Bromodichloromethane	9.765	83	404980	54.98	ug/l	100
48) Methyl methacrylate	9.561	41	271211	51.35	ug/l	89
49) 1,4-Dioxane	9.574	88	97828	933.19	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1963590	267.65	ug/l	95
52) Toluene	10.508	92	764825	55.67	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	449571	51.18	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	462075	56.41	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	293587	55.76	ug/l	96
56) Ethyl methacrylate	10.762	69	464089	57.22	ug/l	91
57) 1,3-Dichloropropane	11.047	76	488444	54.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	466267	217.91	ug/l	93
59) 2-Hexanone	11.087	43	1400350	273.46	ug/l	93
60) Dibromochloromethane	11.240	129	316214	48.99	ug/l	99
61) 1,2-Dibromoethane	11.347	107	306936	57.10	ug/l	100
64) Tetrachloroethene	10.980	164	282240	54.52	ug/l	96
65) Chlorobenzene	11.771	112	809227	53.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	305782	57.72	ug/l	100
67) Ethyl Benzene	11.846	91	1506256	54.94	ug/l	97
68) m/p-Xylenes	11.956	106	1162668	112.12	ug/l	86
69) o-Xylene	12.283	106	563903	55.31	ug/l	87
70) Styrene	12.296	104	954441	58.52	ug/l	93
71) Bromoform	12.460	173	220408	47.10	ug/l #	100
73) Isopropylbenzene	12.581	105	1472027	50.48	ug/l	97
74) N-amy1 acetate	12.390	43	539992	51.05	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	421944	49.86	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	358086m	48.52	ug/l	
77) Bromobenzene	12.862	156	340303	52.73	ug/l	74
78) n-propylbenzene	12.921	91	1711101	51.89	ug/l	96
79) 2-Chlorotoluene	13.010	91	1007947	50.59	ug/l	89
80) 1,3,5-Trimethylbenzene	13.063	105	1242202	52.58	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	126338	55.19	ug/l	94
82) 4-Chlorotoluene	13.106	91	1026509	52.07	ug/l	92
83) tert-Butylbenzene	13.326	119	1044099	51.82	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1242695	53.68	ug/l	93
85) sec-Butylbenzene	13.503	105	1470682	52.74	ug/l	96
86) p-Isopropyltoluene	13.619	119	1227328	54.54	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	646331	53.99	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	636951	51.96	ug/l	95
89) n-Butylbenzene	13.943	91	1023158	53.01	ug/l	98
90) Hexachloroethane	14.211	117	206578	55.28	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	617582	53.44	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	75613	51.45	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	281104	46.87	ug/l	99
94) Hexachlorobutadiene	15.370	225	133638	55.03	ug/l	99
95) Naphthalene	15.507	128	800596	45.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	266043	46.31	ug/l	98

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