

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052821\
 Data File : VN067198.D
 Acq On : 28 May 2021 23:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2021 12:14:08 PM

Quant Time: May 29 02:28:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.583	168	225864	50.00	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.511	114	430292	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.344	117	390399	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.283	152	174124	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.945	65	177118	50.53	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.06%			
35) Dibromofluoromethane	7.503	113	137155	51.94	ug/l	-0.02
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.88%			
50) Toluene-d8	10.024	98	527662	51.92	ug/l	-0.01
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.84%			
62) 4-Bromofluorobenzene	12.341	95	193005	55.55	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.828	85	146508	50.74	ug/l	97
3) Chloromethane	2.029	50	192423	47.56	ug/l	100
4) Vinyl Chloride	2.155	62	177209	51.02	ug/l	100
5) Bromomethane	2.498	94	83798	44.57	ug/l	100
6) Chloroethane	2.646	64	97962	52.64	ug/l	100
7) Trichlorofluoromethane	2.960	101	215957	52.23	ug/l	99
8) Diethyl Ether	3.343	74	99787	52.21	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.684	101	136947	52.33	ug/l	87
10) Methyl Iodide	3.874	142	170624	44.31	ug/l	93
11) Tert butyl alcohol	4.692	59	142322	192.72	ug/l #	84
12) 1,1-Dichloroethene	3.662	96	141296	52.09	ug/l	87
13) Acrolein	3.534	56	152921	249.12	ug/l	95
14) Allyl chloride	4.231	41	290883	48.79	ug/l #	93
15) Acrylonitrile	4.875	53	384736	253.37	ug/l	97
16) Acetone	3.737	43	331241	229.90	ug/l	97
17) Carbon Disulfide	3.973	76	423564	50.82	ug/l	99
18) Methyl Acetate	4.236	43	218357	54.29	ug/l	91
19) Methyl tert-butyl Ether	4.939	73	466284	51.64	ug/l	94
20) Methylene Chloride	4.459	84	172303	48.66	ug/l #	88
21) trans-1,2-Dichloroethene	4.936	96	150957	51.02	ug/l	85
22) Diisopropyl ether	5.851	45	522791	50.75	ug/l #	96
23) Vinyl Acetate	5.789	43	2396014	253.29	ug/l #	93
24) 1,1-Dichloroethane	5.741	63	308652	51.77	ug/l	98
25) 2-Butanone	6.731	43	555300	242.45	ug/l	91
26) 2,2-Dichloropropane	6.720	77	210718	41.60	ug/l	97
27) cis-1,2-Dichloroethene	6.728	96	181690	52.84	ug/l	93
28) Bromochloromethane	7.101	49	140259	48.57	ug/l #	71
29) Tetrahydrofuran	7.117	42	349502	235.21	ug/l #	84
30) Chloroform	7.283	83	295052	50.74	ug/l	99
31) Cyclohexane	7.570	56	254951	47.00	ug/l	88
32) 1,1,1-Trichloroethane	7.481	97	255474	51.33	ug/l	97
36) 1,1-Dichloropropene	7.709	75	217879	50.08	ug/l	96
37) Ethyl Acetate	6.830	43	235177	49.04	ug/l	95
38) Carbon Tetrachloride	7.688	117	206898	48.82	ug/l	97
39) Methylcyclohexane	9.008	83	240631	50.33	ug/l	93
40) Benzene	7.959	78	684250	51.45	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.079	41	109837	47.77	ug/l #	87
42) 1,2-Dichloroethane	8.042	62	230065	50.82	ug/l	97
43) Isopropyl Acetate	8.085	43	405573	48.74	ug/l #	86
44) Trichloroethene	8.763	130	156621	52.61	ug/l	80
45) 1,2-Dichloropropane	9.045	63	186256	51.32	ug/l	98
46) Dibromomethane	9.136	93	112542	50.64	ug/l #	83
47) Bromodichloromethane	9.332	83	237210	51.32	ug/l	99
48) Methyl methacrylate	9.128	41	180814	48.90	ug/l	89
49) 1,4-Dioxane	9.131	88	47022	895.34	ug/l #	88
51) 4-Methyl-2-Pentanone	9.914	43	1171945	254.28	ug/l	93
52) Toluene	10.088	92	414743	51.75	ug/l	99
53) t-1,3-Dichloropropene	10.316	75	256270	52.07	ug/l	100
54) cis-1,3-Dichloropropene	9.772	75	282490	51.19	ug/l #	91
55) 1,1,2-Trichloroethane	10.496	97	161657	52.22	ug/l	95
56) Ethyl methacrylate	10.365	69	256050	46.98	ug/l #	84
57) 1,3-Dichloropropane	10.641	76	280573	52.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.627	63	364420	405.40	ug/l	91
59) 2-Hexanone	10.686	43	767441	221.94	ug/l	91
60) Dibromochloromethane	10.837	129	167246	52.15	ug/l	98
61) 1,2-Dibromoethane	10.941	107	163933	53.63	ug/l	99
64) Tetrachloroethene	10.566	164	128778	48.30	ug/l	93
65) Chlorobenzene	11.370	112	413186	51.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.445	131	156164	51.49	ug/l	99
67) Ethyl Benzene	11.448	91	792685	53.04	ug/l	95
68) m/p-Xylenes	11.558	106	592731	112.03	ug/l	91
69) o-Xylene	11.885	106	291060	53.43	ug/l	91
70) Styrene	11.904	104	474850	50.23	ug/l	96
71) Bromoform	12.065	173	110972	54.98	ug/l #	100
73) Isopropylbenzene	12.188	105	758600	44.52	ug/l	97
74) N-amyl acetate	12.014	43	240919	74.90	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.443	83	246099	43.38	ug/l	98
76) 1,2,3-Trichloropropane	12.491	75	223412m	46.09	ug/l	
77) Bromobenzene	12.462	156	164778	47.63	ug/l	72
78) n-propylbenzene	12.529	91	888948	48.59	ug/l	93
79) 2-Chlorotoluene	12.612	91	533417	45.05	ug/l	91
80) 1,3,5-Trimethylbenzene	12.671	105	639923	45.52	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.239	75	69616	43.37	ug/l	91
82) 4-Chlorotoluene	12.711	91	528576	49.78	ug/l	92
83) tert-Butylbenzene	12.931	119	534274	42.39	ug/l	91
84) 1,2,4-Trimethylbenzene	12.977	105	630007	49.52	ug/l	95
85) sec-Butylbenzene	13.111	105	763835	48.33	ug/l	95
86) p-Isopropyltoluene	13.229	119	635928	51.49	ug/l	95
87) 1,3-Dichlorobenzene	13.221	146	295712	51.38	ug/l	97
88) 1,4-Dichlorobenzene	13.301	146	296152	48.29	ug/l	96
89) n-Butylbenzene	13.553	91	576333	56.31	ug/l	96
90) Hexachloroethane	13.811	117	107046	42.21	ug/l	75
91) 1,2-Dichlorobenzene	13.591	146	293912	53.56	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.211	75	41959	44.41	ug/l	72
93) 1,2,4-Trichlorobenzene	14.846	180	146833	49.11	ug/l	97
94) Hexachlorobutadiene	14.945	225	72563	47.82	ug/l	100
95) Naphthalene	15.066	128	409124	46.60	ug/l	100
96) 1,2,3-Trichlorobenzene	15.243	180	135811	54.46	ug/l	96

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

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