

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052821\
 Data File : VN067179.D
 Acq On : 28 May 2021 13:07
 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

6/1/2021 12:13:29 PM

Quant Time: May 29 02:18:36 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	7.578	168	241424	50.00	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.509	114	441194	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.341	117	392241	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.283	152	171262	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.940	65	187759	50.11	ug/l	-0.02
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.22%	
35) Dibromofluoromethane	7.500	113	142824	52.75	ug/l	-0.02
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.50%	
50) Toluene-d8	10.021	98	547795	52.57	ug/l	-0.01
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.14%	
62) 4-Bromofluorobenzene	12.339	95	200515	56.29	ug/l	-0.02
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.58%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.831	85	177495	57.52	ug/l	100
3) Chloromethane	2.027	50	211659	48.95	ug/l	98
4) Vinyl Chloride	2.155	62	202396	54.52	ug/l	97
5) Bromomethane	2.520	94	68264	33.97	ug/l	98
6) Chloroethane	2.654	64	112097	56.36	ug/l	98
7) Trichlorofluoromethane	2.963	101	250378	56.65	ug/l	98
8) Diethyl Ether	3.346	74	112447	55.04	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.687	101	164081	58.65	ug/l	87
10) Methyl Iodide	3.877	142	187650	45.59	ug/l	93
11) Tert butyl alcohol	4.719	59	136871	173.39	ug/l	98
12) 1,1-Dichloroethene	3.663	96	162428	56.02	ug/l	87
13) Acrolein	3.539	56	101807	155.16	ug/l	96
14) Allyl chloride	4.234	41	342145	53.69	ug/l #	93
15) Acrylonitrile	4.883	53	402169	247.78	ug/l	98
16) Acetone	3.748	43	555543	360.72	ug/l	95
17) Carbon Disulfide	3.976	76	499816	56.10	ug/l	99
18) Methyl Acetate	4.239	43	223095	51.90	ug/l #	89
19) Methyl tert-butyl Ether	4.936	73	524364	54.33	ug/l	95
20) Methylene Chloride	4.459	84	189654	50.10	ug/l #	89
21) trans-1,2-Dichloroethene	4.936	96	178392	56.41	ug/l	89
22) Diisopropyl ether	5.848	45	597993	54.31	ug/l #	94
23) Vinyl Acetate	5.789	43	2630133	260.12	ug/l #	93
24) 1,1-Dichloroethane	5.741	63	350749	55.03	ug/l	98
25) 2-Butanone	6.733	43	679716	277.64	ug/l #	87
26) 2,2-Dichloropropane	6.723	77	303002	55.96	ug/l	97
27) cis-1,2-Dichloroethene	6.725	96	204865	55.74	ug/l	88
28) Bromochloromethane	7.098	49	156628	50.75	ug/l #	70
29) Tetrahydrofuran	7.117	42	361025	227.31	ug/l #	85
30) Chloroform	7.278	83	337596	54.32	ug/l	99
31) Cyclohexane	7.565	56	301591	52.01	ug/l	89
32) 1,1,1-Trichloroethane	7.482	97	285394	53.64	ug/l	96
36) 1,1-Dichloropropene	7.704	75	256721	57.55	ug/l	96
37) Ethyl Acetate	6.830	43	255674	52.00	ug/l	95
38) Carbon Tetrachloride	7.688	117	226830	52.20	ug/l	97
39) Methylcyclohexane	9.005	83	291718	59.51	ug/l	91
40) Benzene	7.959	78	777838	57.04	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.071	41	125655	53.30	ug/l #	83
42) 1,2-Dichloroethane	8.039	62	257192	55.41	ug/l	96
43) Isopropyl Acetate	8.082	43	435876	51.09	ug/l #	86
44) Trichloroethene	8.761	130	182038	59.64	ug/l	84
45) 1,2-Dichloropropane	9.043	63	209606	56.32	ug/l	99
46) Dibromomethane	9.136	93	124543	54.66	ug/l #	82
47) Bromodichloromethane	9.330	83	257978	54.43	ug/l	99
48) Methyl methacrylate	9.128	41	191827	50.60	ug/l	88
49) 1,4-Dioxane	9.142	88	46225	860.91	ug/l	89
51) 4-Methyl-2-Pentanone	9.914	43	1200204	253.98	ug/l	92
52) Toluene	10.086	92	470244	57.23	ug/l	97
53) t-1,3-Dichloropropene	10.316	75	288303	57.13	ug/l	100
54) cis-1,3-Dichloropropene	9.769	75	326647	57.73	ug/l #	89
55) 1,1,2-Trichloroethane	10.493	97	178273	56.17	ug/l	97
56) Ethyl methacrylate	10.365	69	271451	48.48	ug/l #	84
57) 1,3-Dichloropropane	10.638	76	309673	56.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.625	63	293905	335.99	ug/l	91
59) 2-Hexanone	10.687	43	854951	239.51	ug/l	91
60) Dibromochloromethane	10.837	129	173448	52.75	ug/l	100
61) 1,2-Dibromoethane	10.939	107	174173	55.57	ug/l	100
64) Tetrachloroethene	10.563	164	145981	54.49	ug/l	93
65) Chlorobenzene	11.368	112	459140	57.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.443	131	166085	54.51	ug/l	99
67) Ethyl Benzene	11.446	91	883445	58.83	ug/l	96
68) m/p-Xylenes	11.558	106	657967	123.78	ug/l	90
69) o-Xylene	11.885	106	318616	58.22	ug/l	89
70) Styrene	11.902	104	524981	55.02	ug/l	95
71) Bromoform	12.065	173	106189	52.36	ug/l #	99
73) Isopropylbenzene	12.188	105	849611	50.70	ug/l	96
74) N-amyl acetate	12.014	43	227313	71.85	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.443	83	244360	43.79	ug/l	98
76) 1,2,3-Trichloropropane	12.492	75	228445m	47.92	ug/l	
77) Bromobenzene	12.462	156	177611	52.20	ug/l	73
78) n-propylbenzene	12.529	91	1008234	56.03	ug/l	94
79) 2-Chlorotoluene	12.612	91	590606	50.71	ug/l	92
80) 1,3,5-Trimethylbenzene	12.671	105	717722	51.91	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.239	75	69038	43.67	ug/l	90
82) 4-Chlorotoluene	12.711	91	594274	56.91	ug/l	92
83) tert-Butylbenzene	12.931	119	591348	47.70	ug/l	91
84) 1,2,4-Trimethylbenzene	12.980	105	701606	56.07	ug/l	95
85) sec-Butylbenzene	13.108	105	862468	55.48	ug/l	95
86) p-Isopropyltoluene	13.226	119	727742	59.91	ug/l	95
87) 1,3-Dichlorobenzene	13.221	146	330561	58.39	ug/l	97
88) 1,4-Dichlorobenzene	13.302	146	339602	56.30	ug/l	96
89) n-Butylbenzene	13.554	91	689910	68.53	ug/l	96
90) Hexachloroethane	13.811	117	110507	44.30	ug/l	72
91) 1,2-Dichlorobenzene	13.594	146	327145	60.62	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.211	75	43748	47.08	ug/l	71
93) 1,2,4-Trichlorobenzene	14.849	180	178815	60.04	ug/l	97
94) Hexachlorobutadiene	14.946	225	89681	60.09	ug/l	98
95) Naphthalene	15.066	128	467668	53.53	ug/l	100
96) 1,2,3-Trichlorobenzene	15.246	180	163833	66.80	ug/l	96

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

