

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068332.D
 Acq On : 26 Aug 2021 20:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 8/27/2021 1:34:32 PM

Quant Time: Aug 27 05:55:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	650904	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	955779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	958554	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	525386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	330776	47.595	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.180%			
35) Dibromofluoromethane	8.024	113	308991	51.493	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.980%			
50) Toluene-d8	10.443	98	1194574	52.246	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.733	95	426546	56.040	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	214788	41.645	ug/l	100
3) Chloromethane	2.301	50	235340	40.388	ug/l	98
4) Vinyl Chloride	2.440	62	400039	43.814	ug/l	97
5) Bromomethane	2.837	94	345417	47.807	ug/l	95
6) Chloroethane	3.009	64	283010	51.627	ug/l	97
7) Trichlorofluoromethane	3.368	101	806205	44.915	ug/l	99
8) Diethyl Ether	3.821	74	271922	65.311	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.199	101	255464	46.549	ug/l #	84
10) Methyl Iodide	4.414	142	308840	39.576	ug/l #	88
11) Tert butyl alcohol	5.390	59	210910	243.349	ug/l	99
12) 1,1-Dichloroethene	4.170	96	242560	45.968	ug/l #	74
13) Acrolein	4.038	56	115685	200.928	ug/l	99
14) Allyl chloride	4.835	41	312213	46.289	ug/l #	93
15) Acrylonitrile	5.556	53	593659	243.122	ug/l	99
16) Acetone	4.291	43	454119	223.797	ug/l #	86
17) Carbon Disulfide	4.521	76	599155	43.923	ug/l	99
18) Methyl Acetate	4.856	43	274802	53.288	ug/l #	83
19) Methyl tert-butyl Ether	5.618	73	854583	50.234	ug/l	96
20) Methylene Chloride	5.092	84	300536	53.694	ug/l #	78
21) trans-1,2-Dichloroethene	5.594	96	276001	46.720	ug/l #	79
22) Diisopropyl ether	6.501	45	743839	50.483	ug/l #	92
23) Vinyl Acetate	6.436	43	2880812	251.176	ug/l #	87
24) 1,1-Dichloroethane	6.385	63	456830	46.404	ug/l	96
25) 2-Butanone	7.340	43	760064	240.353	ug/l #	84
26) 2,2-Dichloropropane	7.327	77	384194	45.547	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	342045	48.355	ug/l	73
28) Bromochloromethane	7.659	49	208975	48.273	ug/l #	35
29) Tetrahydrofuran	7.689	42	506148	250.272	ug/l #	77
30) Chloroform	7.820	83	564028	48.095	ug/l	98
31) Cyclohexane	8.096	56	405716	44.321	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	531520	50.822	ug/l	93
36) 1,1-Dichloropropene	8.222	75	397377	50.860	ug/l	90
37) Ethyl Acetate	7.418	43	324686	48.780	ug/l #	94
38) Carbon Tetrachloride	8.206	117	484627	53.779	ug/l	98
39) Methylcyclohexane	9.461	83	501261	56.806	ug/l #	83
40) Benzene	8.461	78	1234209	51.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	154243	50.756	ug/l #	83
42) 1,2-Dichloroethane	8.533	62	409209	50.377	ug/l	92
43) Isopropyl Acetate	8.566	43	568462	53.316	ug/l #	88
44) Trichloroethene	9.217	130	375434	52.353	ug/l	75
45) 1,2-Dichloropropane	9.491	63	292604	52.165	ug/l	99
46) Dibromomethane	9.579	93	237789	51.969	ug/l #	74
47) Bromodichloromethane	9.764	83	459773	54.073	ug/l #	98
48) Methyl methacrylate	9.563	41	245859	55.334	ug/l #	83
49) 1,4-Dioxane	9.571	88	103170	960.659	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	1783736	272.348	ug/l	88
52) Toluene	10.507	92	885163	54.448	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	479524	57.417	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	494908	54.695	ug/l #	82
55) 1,1,2-Trichloroethane	10.902	97	349964	53.868	ug/l	94
56) Ethyl methacrylate	10.765	69	481363	57.697	ug/l #	79
57) 1,3-Dichloropropane	11.046	76	528286	52.796	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	450736	252.198	ug/l #	81
59) 2-Hexanone	11.089	43	1255352	276.040	ug/l	86
60) Dibromochloromethane	11.240	129	434546	59.289	ug/l	99
61) 1,2-Dibromoethane	11.347	107	383656	56.942	ug/l	100
64) Tetrachloroethene	10.979	164	384192	51.833	ug/l #	86
65) Chlorobenzene	11.773	112	1012976	51.613	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	412023	55.654	ug/l	99
67) Ethyl Benzene	11.846	91	1722841	53.218	ug/l	91
68) m/p-Xylenes	11.956	106	1402775	108.320	ug/l	78
69) o-Xylene	12.283	106	688348	55.011	ug/l	78
70) Styrene	12.296	104	1134421	56.640	ug/l #	89
71) Bromoform	12.460	173	364917	61.463	ug/l #	98
73) Isopropylbenzene	12.581	105	1764188	47.214	ug/l	93
74) N-amyl acetate	12.390	43	454902	46.753	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.830	83	493534	44.041	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	353103m	40.436	ug/l	
77) Bromobenzene	12.862	156	505057	49.062	ug/l	51
78) n-propylbenzene	12.924	91	1927201	48.081	ug/l	90
79) 2-Chlorotoluene	13.010	91	1124747	45.373	ug/l	79
80) 1,3,5-Trimethylbenzene	13.061	105	1475721	48.819	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	131674	49.400	ug/l	84
82) 4-Chlorotoluene	13.109	91	1122625	46.659	ug/l	81
83) tert-Butylbenzene	13.326	119	1345810	50.138	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	1463560	49.597	ug/l	89
85) sec-Butylbenzene	13.503	105	1831968	51.832	ug/l	91
86) p-Isopropyltoluene	13.618	119	1573448	53.933	ug/l	89
87) 1,3-Dichlorobenzene	13.618	146	894214	50.942	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	864060	48.589	ug/l	92
89) n-Butylbenzene	13.946	91	1192846	54.810	ug/l	95
90) Hexachloroethane	14.214	117	282213	52.136	ug/l	60
91) 1,2-Dichlorobenzene	13.991	146	844533	50.533	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	81259	47.874	ug/l #	23
93) 1,2,4-Trichlorobenzene	15.265	180	473342	53.792	ug/l	96
94) Hexachlorobutadiene	15.372	225	258624	57.139	ug/l	99
95) Naphthalene	15.509	128	1495880	71.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	448563	53.686	ug/l	96

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

