

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
 Data File : VN068397.D
 Acq On : 2 Sep 2021 20:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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9/3/2021 5:24:00 PM

Quant Time: Sep 03 01:26:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 02 14:59:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	741753	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1015374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	928233	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	479939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	326283	43.096	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.200%		
35) Dibromofluoromethane	8.024	113	317525	49.323	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.640%		
50) Toluene-d8	10.443	98	1180817	48.998	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.000%		
62) 4-Bromofluorobenzene	12.734	95	385220	48.708	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.075	85	276682	44.823	ug/l	98
3) Chloromethane	2.306	50	258028	39.887	ug/l	98
4) Vinyl Chloride	2.446	62	380927	38.620	ug/l	96
5) Bromomethane	2.829	94	361456	43.753	ug/l	99
6) Chloroethane	3.006	64	277346	39.227	ug/l	95
7) Trichlorofluoromethane	3.371	101	498050	25.410	ug/l	99
8) Diethyl Ether	3.827	74	163903	29.032	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.218	101	283775	45.874	ug/l #	81
10) Methyl Iodide	4.427	142	456361	57.818	ug/l #	86
11) Tert butyl alcohol	5.372	59	235091	237.464	ug/l	98
12) 1,1-Dichloroethene	4.186	96	266971	46.159	ug/l #	74
13) Acrolein	4.044	56	140289	218.181	ug/l	100
14) Allyl chloride	4.846	41	346436	47.616	ug/l #	93
15) Acrylonitrile	5.557	53	605661	223.755	ug/l	99
16) Acetone	4.288	43	457045	226.310	ug/l #	89
17) Carbon Disulfide	4.537	76	680581	43.640	ug/l	98
18) Methyl Acetate	4.859	43	290291	51.371	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	910433	48.703	ug/l	97
20) Methylene Chloride	5.101	84	300002	47.818	ug/l #	81
21) trans-1,2-Dichloroethene	5.602	96	302935	46.804	ug/l #	78
22) Diisopropyl ether	6.501	45	767906	48.308	ug/l #	90
23) Vinyl Acetate	6.436	43	2915894	237.867	ug/l #	87
24) 1,1-Dichloroethane	6.391	63	491079	46.351	ug/l	96
25) 2-Butanone	7.337	43	755856	217.793	ug/l #	82
26) 2,2-Dichloropropane	7.327	77	422199	42.793	ug/l	88
27) cis-1,2-Dichloroethene	7.329	96	356192	46.989	ug/l	76
28) Bromochloromethane	7.659	49	195722	43.698	ug/l #	33
29) Tetrahydrofuran	7.686	42	508050	228.405	ug/l #	79
30) Chloroform	7.820	83	569409	44.779	ug/l	99
31) Cyclohexane	8.099	56	440863	44.188	ug/l #	81
32) 1,1,1-Trichloroethane	8.019	97	540917	46.111	ug/l	94
36) 1,1-Dichloropropene	8.225	75	409507	50.711	ug/l	90
37) Ethyl Acetate	7.413	43	316905	47.107	ug/l	94
38) Carbon Tetrachloride	8.209	117	503968	52.222	ug/l	99
39) Methylcyclohexane	9.462	83	528674	52.529	ug/l #	84
40) Benzene	8.464	78	1222711	49.018	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	159697	50.676	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	409377	48.968	ug/l	91
43) Isopropyl Acetate	8.563	43	559530	51.411	ug/l #	89
44) Trichloroethene	9.217	130	391712	50.863	ug/l	74
45) 1,2-Dichloropropane	9.491	63	289472	49.992	ug/l	96
46) Dibromomethane	9.580	93	234313	49.670	ug/l #	73
47) Bromodichloromethane	9.765	83	444076	49.273	ug/l #	96
48) Methyl methacrylate	9.561	41	250836	52.678	ug/l #	86
49) 1,4-Dioxane	9.569	88	107216	955.287	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	1658534	243.853	ug/l	89
52) Toluene	10.508	92	834698	49.752	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	450573	50.305	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	491895	51.718	ug/l #	82
55) 1,1,2-Trichloroethane	10.902	97	329402	48.580	ug/l	93
56) Ethyl methacrylate	10.762	69	444210	45.647	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	507922	49.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	262740	159.166	ug/l #	82
59) 2-Hexanone	11.087	43	1146484	242.138	ug/l	86
60) Dibromochloromethane	11.240	129	407683	52.209	ug/l	100
61) 1,2-Dibromoethane	11.347	107	352191	49.169	ug/l	98
64) Tetrachloroethene	10.980	164	400535	55.244	ug/l #	87
65) Chlorobenzene	11.773	112	950290	50.976	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	381054	52.386	ug/l	98
67) Ethyl Benzene	11.846	91	1594004	52.297	ug/l	91
68) m/p-Xylenes	11.956	106	1304737	106.261	ug/l	78
69) o-Xylene	12.283	106	634165	53.687	ug/l	79
70) Styrene	12.296	104	1016128	54.645	ug/l #	90
71) Bromoform	12.460	173	321810	46.176	ug/l #	98
73) Isopropylbenzene	12.581	105	1640338	47.623	ug/l	93
74) N-amyl acetate	12.388	43	402361	46.736	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.830	83	429342	41.627	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	333169m	40.846	ug/l	
77) Bromobenzene	12.862	156	456447	46.829	ug/l	50
78) n-propylbenzene	12.921	91	1778116	48.732	ug/l	89
79) 2-Chlorotoluene	13.010	91	1040723	46.108	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	1360546	48.610	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.626	75	109248	44.253	ug/l	85
82) 4-Chlorotoluene	13.106	91	1026209	47.080	ug/l	82
83) tert-Butylbenzene	13.326	119	1248798	48.712	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	1336499	48.817	ug/l	89
85) sec-Butylbenzene	13.503	105	1664820	49.373	ug/l	90
86) p-Isopropyltoluene	13.619	119	1445908	51.856	ug/l	89
87) 1,3-Dichlorobenzene	13.616	146	805183	48.491	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	785192	47.516	ug/l	91
89) n-Butylbenzene	13.946	91	1056890	50.284	ug/l	95
90) Hexachloroethane	14.211	117	243933	45.406	ug/l	62
91) 1,2-Dichlorobenzene	13.989	146	771139	48.924	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	77479	48.376	ug/l #	27
93) 1,2,4-Trichlorobenzene	15.265	180	433357	50.552	ug/l	96
94) Hexachlorobutadiene	15.373	225	246995	53.993	ug/l	98
95) Naphthalene	15.507	128	973825	49.341	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	411991	50.585	ug/l	96

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

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