

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068279.D
 Acq On : 24 Aug 2021 9:46
 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
 8/25/2021 3:18:01 PM

Quant Time: Aug 25 03:09:15 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	695128	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	996243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	999389	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	531609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	329400	44.381	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.760%		
35) Dibromofluoromethane	8.021	113	305885	48.905	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.800%		
50) Toluene-d8	10.443	98	1209893	50.766	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.540%		
62) 4-Bromofluorobenzene	12.733	95	432990	54.576	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	237241	43.072	ug/l	100
3) Chloromethane	2.301	50	253477	40.733	ug/l	96
4) Vinyl Chloride	2.443	62	407370	41.778	ug/l	96
5) Bromomethane	2.832	94	392368	51.060	ug/l	99
6) Chloroethane	3.003	64	320937	55.107	ug/l	97
7) Trichlorofluoromethane	3.365	101	872591	45.521	ug/l	100
8) Diethyl Ether	3.819	74	159112	35.785	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.197	101	280202	47.808	ug/l #	85
10) Methyl Iodide	4.411	142	398901	47.865	ug/l	89
11) Tert butyl alcohol	5.385	59	210717	227.659	ug/l	99
12) 1,1-Dichloroethene	4.170	96	251069	44.553	ug/l #	77
13) Acrolein	4.039	56	93002	148.779	ug/l	100
14) Allyl chloride	4.835	41	332348	46.139	ug/l #	93
15) Acrylonitrile	5.554	53	624016	239.296	ug/l	99
16) Acetone	4.288	43	749466	345.851	ug/l #	87
17) Carbon Disulfide	4.519	76	655647	45.006	ug/l	98
18) Methyl Acetate	4.857	43	284080	51.471	ug/l #	85
19) Methyl tert-butyl Ether	5.616	73	885144	48.720	ug/l	96
20) Methylene Chloride	5.087	84	303603	50.671	ug/l #	82
21) trans-1,2-Dichloroethene	5.589	96	291028	46.129	ug/l #	80
22) Diisopropyl ether	6.498	45	785574	49.923	ug/l #	93
23) Vinyl Acetate	6.434	43	3046347m	248.711	ug/l	
24) 1,1-Dichloroethane	6.383	63	486163	46.241	ug/l	96
25) 2-Butanone	7.337	43	949973	281.295	ug/l #	84
26) 2,2-Dichloropropane	7.324	77	478944	53.167	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	357117	47.274	ug/l	76
28) Bromochloromethane	7.657	49	224333	48.524	ug/l #	42
29) Tetrahydrofuran	7.686	42	532142	246.385	ug/l #	79
30) Chloroform	7.817	83	590816	47.174	ug/l	98
31) Cyclohexane	8.091	56	443846	45.402	ug/l #	84
32) 1,1,1-Trichloroethane	8.013	97	554416	49.639	ug/l	94
36) 1,1-Dichloropropene	8.220	75	418298	51.363	ug/l	90
37) Ethyl Acetate	7.415	43	333740	48.104	ug/l #	94
38) Carbon Tetrachloride	8.206	117	504686	53.730	ug/l	97
39) Methylcyclohexane	9.461	83	553147	60.139	ug/l #	84
40) Benzene	8.461	78	1283958	51.655	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	157811	49.821	ug/l #	82
42) 1,2-Dichloroethane	8.531	62	430370	50.830	ug/l	92
43) Isopropyl Acetate	8.563	43	579687	52.161	ug/l #	89
44) Trichloroethene	9.215	130	384316	51.415	ug/l	74
45) 1,2-Dichloropropane	9.491	63	305033	52.173	ug/l	97
46) Dibromomethane	9.579	93	246955	51.780	ug/l #	77
47) Bromodichloromethane	9.762	83	478623	54.003	ug/l #	98
48) Methyl methacrylate	9.561	41	266907	57.632	ug/l #	84
49) 1,4-Dioxane	9.571	88	116328	1039.183	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	1872806	274.333	ug/l	88
52) Toluene	10.507	92	923753	54.514	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	502628	57.739	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	524971	55.661	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	363066	53.615	ug/l	93
56) Ethyl methacrylate	10.762	69	496951	57.146	ug/l #	79
57) 1,3-Dichloropropane	11.047	76	545076	52.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	416941	225.908	ug/l #	81
59) 2-Hexanone	11.087	43	1452942	306.511	ug/l	86
60) Dibromochloromethane	11.240	129	445496	58.314	ug/l	99
61) 1,2-Dibromoethane	11.347	107	391240	55.709	ug/l	100
64) Tetrachloroethene	10.977	164	412645	53.397	ug/l	87
65) Chlorobenzene	11.771	112	1062331	51.917	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	423386	54.852	ug/l	99
67) Ethyl Benzene	11.846	91	1820557	53.939	ug/l	91
68) m/p-Xylenes	11.956	106	1514824	112.192	ug/l	79
69) o-Xylene	12.283	106	739798	56.707	ug/l	79
70) Styrene	12.296	104	1213678	58.121	ug/l #	90
71) Bromoform	12.460	173	375419	60.648	ug/l #	99
73) Isopropylbenzene	12.581	105	1915541	50.665	ug/l	93
74) N-amyl acetate	12.390	43	476563	48.406	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.830	83	519489	45.814	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	372979m	42.212	ug/l	
77) Bromobenzene	12.862	156	535947	51.453	ug/l	52
78) n-propylbenzene	12.921	91	2106219	51.932	ug/l	89
79) 2-Chlorotoluene	13.010	91	1240506	49.457	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	1619411	52.946	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	149803	55.544	ug/l #	84
82) 4-Chlorotoluene	13.106	91	1226541	50.381	ug/l	82
83) tert-Butylbenzene	13.326	119	1463202	53.873	ug/l	81
84) 1,2,4-Trimethylbenzene	13.369	105	1586712	53.141	ug/l	89
85) sec-Butylbenzene	13.503	105	1994571	55.772	ug/l	90
86) p-Isopropyltoluene	13.619	119	1724879	58.432	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	958197	53.948	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	922942	51.293	ug/l	92
89) n-Butylbenzene	13.946	91	1277775	58.026	ug/l	95
90) Hexachloroethane	14.211	117	301565	55.058	ug/l	64
91) 1,2-Dichlorobenzene	13.989	146	888890	52.564	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	82950	48.298	ug/l #	30
93) 1,2,4-Trichlorobenzene	15.265	180	434137	49.010	ug/l	96
94) Hexachlorobutadiene	15.373	225	278767	60.868	ug/l	99
95) Naphthalene	15.507	128	900508	43.611	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	404757	48.183	ug/l	97

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

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