

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067921.D
 Acq On : 27 Jul 2021 11:48
 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
 7/28/2021 8:58:17 PM

Quant Time: Jul 28 05:17:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	378381	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	657725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	646267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	327184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	278599	48.719	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.440%
35) Dibromofluoromethane	8.021	113	209331	52.678	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.360%
50) Toluene-d8	10.443	98	846934	50.918	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.733	95	315445	53.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.380%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	166803	51.864	ug/l	100
3) Chloromethane	2.298	50	208071	40.847	ug/l	97
4) Vinyl Chloride	2.440	62	336396	43.757	ug/l	97
5) Bromomethane	2.818	94	300389	58.281	ug/l	97
6) Chloroethane	2.995	64	267658	51.887	ug/l	97
7) Trichlorofluoromethane	3.360	101	631786	54.337	ug/l	99
8) Diethyl Ether	3.816	74	140929	46.049	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.197	101	195992	55.890	ug/l	95
10) Methyl Iodide	4.411	142	233186	55.821	ug/l	92
11) Tert butyl alcohol	5.390	59	211722	257.649	ug/l	98
12) 1,1-Dichloroethene	4.167	96	175061	52.032	ug/l	88
13) Acrolein	4.036	56	110306	275.782	ug/l	99
14) Allyl chloride	4.827	41	311815	50.418	ug/l	97
15) Acrylonitrile	5.556	53	569200	279.269	ug/l	99
16) Acetone	4.285	43	511276	284.141	ug/l	93
17) Carbon Disulfide	4.519	76	425860	45.695	ug/l	100
18) Methyl Acetate	4.851	43	274139	54.241	ug/l	95
19) Methyl tert-butyl Ether	5.621	73	739997	53.077	ug/l	100
20) Methylene Chloride	5.087	84	226137	53.889	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	206785	51.984	ug/l	89
22) Diisopropyl ether	6.498	45	732971	52.227	ug/l	98
23) Vinyl Acetate	6.434	43	3110062	259.206	ug/l	95
24) 1,1-Dichloroethane	6.380	63	402122	51.398	ug/l	99
25) 2-Butanone	7.337	43	801968	268.402	ug/l	93
26) 2,2-Dichloropropane	7.321	77	357322	52.261	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	255484	51.323	ug/l	86
28) Bromochloromethane	7.656	49	184732	48.388	ug/l	# 81
29) Tetrahydrofuran	7.686	42	509169	259.130	ug/l	92
30) Chloroform	7.817	83	450721	51.288	ug/l	98
31) Cyclohexane	8.091	56	341982	42.651	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	386256	50.688	ug/l	97
36) 1,1-Dichloropropene	8.222	75	318000	52.049	ug/l	96
37) Ethyl Acetate	7.415	43	317058	53.559	ug/l	98
38) Carbon Tetrachloride	8.204	117	327792	54.392	ug/l	98
39) Methylcyclohexane	9.459	83	337974	50.531	ug/l	92
40) Benzene	8.458	78	965644	52.802	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	165118	54.271	ug/l	94
42) 1,2-Dichloroethane	8.531	62	365190	53.771	ug/l	96
43) Isopropyl Acetate	8.563	43	555049	53.303	ug/l	95
44) Trichloroethene	9.215	130	244838	52.752	ug/l	83
45) 1,2-Dichloropropane	9.491	63	246939	53.332	ug/l	97
46) Dibromomethane	9.579	93	180574	54.962	ug/l	94
47) Bromodichloromethane	9.765	83	361973	56.357	ug/l	100
48) Methyl methacrylate	9.561	41	241931	52.530	ug/l	88
49) 1,4-Dioxane	9.569	88	90790	991.123	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1807562	282.552	ug/l	95
52) Toluene	10.507	92	651166	54.356	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	395103	51.566	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	401537	56.215	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	262394	57.154	ug/l	98
56) Ethyl methacrylate	10.762	69	408174	57.709	ug/l	91
57) 1,3-Dichloropropane	11.046	76	434377	55.177	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	416057	222.589	ug/l	93
59) 2-Hexanone	11.087	43	1304646	292.168	ug/l	94
60) Dibromochloromethane	11.240	129	279044	49.546	ug/l	100
61) 1,2-Dibromoethane	11.350	107	267747	57.124	ug/l	99
64) Tetrachloroethene	10.979	164	236990	51.950	ug/l	96
65) Chlorobenzene	11.773	112	710082	53.497	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	269486	57.720	ug/l	100
67) Ethyl Benzene	11.848	91	1311299	54.268	ug/l	97
68) m/p-Xylenes	11.956	106	1016507	111.226	ug/l	87
69) o-Xylene	12.283	106	493790	54.954	ug/l	88
70) Styrene	12.296	104	859613	59.805	ug/l	93
71) Bromoform	12.460	173	195449	47.372	ug/l #	99
73) Isopropylbenzene	12.581	105	1289590	48.851	ug/l	97
74) N-amyl acetate	12.390	43	494635	51.648	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	393462	51.356	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	328996m	49.239	ug/l	
77) Bromobenzene	12.862	156	294081	50.333	ug/l	77
78) n-propylbenzene	12.924	91	1510193	50.580	ug/l	96
79) 2-Chlorotoluene	13.010	91	903273	50.075	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1104591	51.641	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	114631	55.313	ug/l	96
82) 4-Chlorotoluene	13.106	91	939078	52.610	ug/l	93
83) tert-Butylbenzene	13.326	119	926142	50.770	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1105437	52.743	ug/l	94
85) sec-Butylbenzene	13.503	105	1308974	51.849	ug/l	96
86) p-Isopropyltoluene	13.618	119	1089285	53.468	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	581943	53.689	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	568478	51.226	ug/l	95
89) n-Butylbenzene	13.946	91	880069	50.364	ug/l	98
90) Hexachloroethane	14.214	117	181359	53.600	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	543054	51.903	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	67685	50.866	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	233187	43.170	ug/l	98
94) Hexachlorobutadiene	15.373	225	109989	50.028	ug/l	98
95) Naphthalene	15.507	128	692395	43.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	223258	43.116	ug/l	98

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

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