

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083021\
 Data File : VN068354.D
 Acq On : 30 Aug 2021 12:56
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 8/31/2021 5:42:13 PM

Quant Time: Aug 31 01:44:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 01:43:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	581124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	898766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	846795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	340364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	32513	5.448	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.900%#		
35) Dibromofluoromethane	8.021	113	28055	5.019	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.040%#		
50) Toluene-d8	10.443	98	105230	4.880	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.760%#		
62) 4-Bromofluorobenzene	12.733	95	33370	4.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.380%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	26229	5.271	ug/l	95
3) Chloromethane	2.300	50	28644	5.581	ug/l	95
4) Vinyl Chloride	2.443	62	43305	5.597	ug/l	95
5) Bromomethane	2.832	94	46342	6.210	ug/l	92
6) Chloroethane	3.006	64	31324	5.644	ug/l	93
7) Trichlorofluoromethane	3.365	101	82908	5.457	ug/l	99
8) Diethyl Ether	3.821	74	27307	6.040	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.194	101	27209	5.478	ug/l	99
10) Methyl Iodide	4.414	142	30506	4.830	ug/l #	95
11) Tert butyl alcohol	5.393	59	19411	25.926	ug/l #	88
12) 1,1-Dichloroethene	4.167	96	24601	5.431	ug/l	98
13) Acrolein	4.036	56	16614	31.926	ug/l	95
14) Allyl chloride	4.830	41	30566	5.254	ug/l #	87
15) Acrylonitrile	5.559	53	56810	26.265	ug/l	98
16) Acetone	4.296	43	54094	27.076	ug/l	94
17) Carbon Disulfide	4.516	76	64535	5.088	ug/l	98
18) Methyl Acetate	4.859	43	29717	5.390	ug/l	99
19) Methyl tert-butyl Ether	5.613	73	78963m	5.341	ug/l	
20) Methylene Chloride	5.090	84	32479	5.381	ug/l	95
21) trans-1,2-Dichloroethene	5.591	96	26947	5.219	ug/l	93
22) Diisopropyl ether	6.503	45	65818	5.274	ug/l	98
23) Vinyl Acetate	6.436	43	217304	25.712	ug/l	100
24) 1,1-Dichloroethane	6.382	63	45729	5.437	ug/l	98
25) 2-Butanone	7.345	43	74214	26.185	ug/l	100
26) 2,2-Dichloropropane	7.321	77	41552	5.234	ug/l	76
27) cis-1,2-Dichloroethene	7.321	96	31302	5.137	ug/l	93
28) Bromochloromethane	7.659	49	18597	5.453	ug/l	93
29) Tetrahydrofuran	7.694	42	46307	26.150	ug/l	98
30) Chloroform	7.817	83	53584	5.375	ug/l	95
31) Cyclohexane	8.091	56	47813	6.073	ug/l #	89
32) 1,1,1-Trichloroethane	8.016	97	49806	5.382	ug/l	97
36) 1,1-Dichloropropene	8.222	75	36933	5.188	ug/l	96
37) Ethyl Acetate	7.420	43	31293	5.170	ug/l	99
38) Carbon Tetrachloride	8.209	117	43267	5.036	ug/l	98
39) Methylcyclohexane	9.461	83	42914	4.785	ug/l	94
40) Benzene	8.461	78	114784	5.140	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	13464	4.691	ug/l #	84
42) 1,2-Dichloroethane	8.533	62	37791	5.033	ug/l	100
43) Isopropyl Acetate	8.566	43	51246	5.191	ug/l	98
44) Trichloroethene	9.220	130	35852	5.245	ug/l	98
45) 1,2-Dichloropropane	9.494	63	26443	5.086	ug/l	100
46) Dibromomethane	9.577	93	22218	5.171	ug/l	92
47) Bromodichloromethane	9.764	83	40935	5.134	ug/l	99
48) Methyl methacrylate	9.563	41	20192	4.762	ug/l	95
49) 1,4-Dioxane	9.577	88	10911	101.242	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	154269	24.516	ug/l	98
52) Toluene	10.507	92	76605	5.053	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	39814	4.917	ug/l	92
54) cis-1,3-Dichloropropene	10.191	75	41662	4.877	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	31315	5.114	ug/l	94
56) Ethyl methacrylate	10.762	69	38250	4.861	ug/l	100
57) 1,3-Dichloropropane	11.046	76	46797	5.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.046	63	26026	22.896	ug/l	98
59) 2-Hexanone	11.089	43	107758	22.600	ug/l	98
60) Dibromochloromethane	11.239	129	33283	4.746	ug/l	99
61) 1,2-Dibromoethane	11.347	107	32458	5.010	ug/l	98
64) Tetrachloroethene	10.979	164	32034	4.774	ug/l	90
65) Chlorobenzene	11.773	112	88001	4.989	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	33444	4.959	ug/l	98
67) Ethyl Benzene	11.848	91	138698	4.850	ug/l	100
68) m/p-Xylenes	11.956	106	110295	9.522	ug/l	96
69) o-Xylene	12.283	106	53562	4.841	ug/l	98
70) Styrene	12.296	104	82699	4.618	ug/l	99
71) Bromoform	12.462	173	24679	4.502	ug/l #	100
73) Isopropylbenzene	12.580	105	134250	5.350	ug/l	98
74) N-amyl acetate	12.390	43	34431	4.507	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	40681	5.367	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	31275m	5.786	ug/l	
77) Bromobenzene	12.865	156	36484	5.011	ug/l	90
78) n-propylbenzene	12.924	91	138867	5.071	ug/l	96
79) 2-Chlorotoluene	13.010	91	88464	5.322	ug/l	95
80) 1,3,5-Trimethylbenzene	13.063	105	108661	5.257	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	9073	5.163	ug/l	92
82) 4-Chlorotoluene	13.109	91	85097	5.139	ug/l	96
83) tert-Butylbenzene	13.326	119	97012	5.189	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	103100	5.033	ug/l	99
85) sec-Butylbenzene	13.503	105	129260	5.110	ug/l	98
86) p-Isopropyltoluene	13.618	119	102598	4.845	ug/l	98
87) 1,3-Dichlorobenzene	13.618	146	60500	4.693	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	61117	4.542	ug/l	92
89) n-Butylbenzene	13.946	91	75832	4.348	ug/l	98
90) Hexachloroethane	14.214	117	20495	5.243	ug/l	88
91) 1,2-Dichlorobenzene	13.991	146	60139	4.801	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	6307	4.478	ug/l	86
93) 1,2,4-Trichlorobenzene	15.268	180	28543	3.501	ug/l	99
94) Hexachlorobutadiene	15.370	225	17340	4.816	ug/l	98
95) Naphthalene	15.512	128	73425	3.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.708	180	28556	3.347	ug/l	97

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

