

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067200.D
 Acq On : 4 Jun 2021 16:34
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:20:52 PM

Quant Time: Jun 04 18:47:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 18:41:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	199054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	339783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	312381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	139556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	14598	4.842	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.680%#		
35) Dibromofluoromethane	8.027	113	11876	5.719	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	11.440%#		
50) Toluene-d8	10.446	98	44723	5.506	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	11.020%#		
62) 4-Bromofluorobenzene	12.733	95	17511	6.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	12.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	15199	6.291	ug/l	89
3) Chloromethane	2.301	50	17512	5.099	ug/l	99
4) Vinyl Chloride	2.445	62	22003	7.098	ug/l	98
5) Bromomethane	2.840	94	16409	8.884	ug/l	92
6) Chloroethane	3.011	64	14850	8.499	ug/l	97
7) Trichlorofluoromethane	3.376	101	21389	6.115	ug/l	89
8) Diethyl Ether	3.832	74	8073	5.074	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.218	101	12281	5.626	ug/l	90
10) Methyl Iodide	4.427	142	13020	4.120	ug/l	95
11) Tert butyl alcohol	5.374	59	13192	21.591	ug/l #	97
12) 1,1-Dichloroethene	4.189	96	12106	5.370	ug/l	97
13) Acrolein	4.044	56	8778	19.102	ug/l	99
14) Allyl chloride	4.846	41	19731	4.015	ug/l #	83
15) Acrylonitrile	5.562	53	28160	22.439	ug/l	93
16) Acetone	4.293	43	30709	25.811	ug/l	96
17) Carbon Disulfide	4.535	76	33300	4.825	ug/l	100
18) Methyl Acetate	4.859	43	15204	4.525	ug/l #	65
19) Methyl tert-butyl Ether	5.621	73	38385	5.009	ug/l	99
20) Methylene Chloride	5.098	84	14955	5.004	ug/l	90
21) trans-1,2-Dichloroethene	5.605	96	13192	5.249	ug/l	97
22) Diisopropyl ether	6.501	45	35616	4.127	ug/l	96
23) Vinyl Acetate	6.439	43	179935	22.715	ug/l	96
24) 1,1-Dichloroethane	6.393	63	23021	4.604	ug/l	98
25) 2-Butanone	7.343	43	43073	22.690	ug/l	94
26) 2,2-Dichloropropane	7.332	77	22550	5.178	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	14831	5.079	ug/l	99
28) Bromochloromethane	7.662	49	11292	4.644	ug/l	81
29) Tetrahydrofuran	7.694	42	23762	19.190	ug/l	91
30) Chloroform	7.820	83	23128	4.624	ug/l	93
31) Cyclohexane	8.096	56	23890	5.250	ug/l #	88
32) 1,1,1-Trichloroethane	8.018	97	22366	5.182	ug/l	95
36) 1,1-Dichloropropene	8.225	75	17040	5.040	ug/l	96
37) Ethyl Acetate	7.418	43	17045	4.743	ug/l #	93
38) Carbon Tetrachloride	8.209	117	18810	6.737	ug/l	96
39) Methylcyclohexane	9.464	83	19014	5.093	ug/l	94
40) Benzene	8.464	78	53303	5.149	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	8746	4.945	ug/l #	86
42) 1,2-Dichloroethane	8.536	62	18312	5.165	ug/l	89
43) Isopropyl Acetate	8.568	43	31675	4.950	ug/l	95
44) Trichloroethene	9.220	130	13365	5.669	ug/l	87
45) 1,2-Dichloropropane	9.494	63	13478	4.834	ug/l	96
46) Dibromomethane	9.582	93	9101	5.243	ug/l #	83
47) Bromodichloromethane	9.764	83	18026	4.999	ug/l	97
48) Methyl methacrylate	9.563	41	13528	4.829	ug/l #	83
49) 1,4-Dioxane	9.574	88	4202	119.756	ug/l	93
51) 4-Methyl-2-Pentanone	10.336	43	87435	24.759	ug/l	92
52) Toluene	10.510	92	32048	5.059	ug/l	94
53) t-1,3-Dichloropropene	10.722	75	21440	5.503	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	21492	4.987	ug/l #	84
55) 1,1,2-Trichloroethane	10.904	97	12912	5.322	ug/l	97
56) Ethyl methacrylate	10.765	69	20250	5.638	ug/l #	83
57) 1,3-Dichloropropane	11.049	76	20750	4.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.046	63	16571	28.521	ug/l	92
59) 2-Hexanone	11.089	43	64588	31.687	ug/l	90
60) Dibromochloromethane	11.240	129	14117	5.452	ug/l	98
61) 1,2-Dibromoethane	11.350	107	13180	5.439	ug/l	99
64) Tetrachloroethene	10.982	164	11739	5.456	ug/l	93
65) Chlorobenzene	11.776	112	36605	5.733	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.846	131	13389	5.478	ug/l	97
67) Ethyl Benzene	11.851	91	65744	5.529	ug/l	97
68) m/p-Xylenes	11.958	106	50547	11.828	ug/l	94
69) o-Xylene	12.286	106	24411	5.574	ug/l	95
70) Styrene	12.299	104	39991	6.129	ug/l	97
71) Bromoform	12.465	173	9937	5.928	ug/l #	98
73) Isopropylbenzene	12.583	105	62775	4.780	ug/l	99
74) N-amyl acetate	12.393	43	24793	8.816	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.833	83	17729	4.137	ug/l	95
76) 1,2,3-Trichloropropane	12.886	75	14600m	3.996	ug/l	
77) Bromobenzene	12.865	156	14347	5.339	ug/l	87
78) n-propylbenzene	12.924	91	72969	5.174	ug/l	95
79) 2-Chlorotoluene	13.109	91	41073	4.478	ug/l	97
80) 1,3,5-Trimethylbenzene	13.063	105	52973	4.858	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.632	75	6256	5.813	ug/l	89
82) 4-Chlorotoluene	13.012	91	41469	5.085	ug/l	97
83) tert-Butylbenzene	13.329	119	44688	4.541	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	51468	5.173	ug/l	98
85) sec-Butylbenzene	13.506	105	61650	5.010	ug/l	97
86) p-Isopropyltoluene	13.621	119	53643	5.509	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	23996	5.228	ug/l	98
88) 1,4-Dichlorobenzene	13.699	146	25772	5.278	ug/l	94
89) n-Butylbenzene	13.946	91	49047	6.011	ug/l	95
90) Hexachloroethane	14.217	117	9545	4.816	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	23877	5.453	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.608	75	3262	4.419	ug/l	73
93) 1,2,4-Trichlorobenzene	15.268	180	9654	4.777	ug/l	98
94) Hexachlorobutadiene	15.375	225	6814	5.594	ug/l	97
95) Naphthalene	15.512	128	17093	3.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	7556	3.811	ug/l	96

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

