

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067206.D
 Acq On : 4 Jun 2021 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060421

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:21:04 PM

Quant Time: Jun 05 05:26:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	223825	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.973	114	396285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	375535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	204207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	151013	49.496	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.000%		
35) Dibromofluoromethane	8.029	113	119847	48.783	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.560%		
50) Toluene-d8	10.446	98	491221	49.096	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.200%		
62) 4-Bromofluorobenzene	12.736	95	189265	49.115	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	97459	38.672	ug/l	98
3) Chloromethane	2.298	50	154938	48.834	ug/l	100
4) Vinyl Chloride	2.446	62	187772	46.691	ug/l	100
5) Bromomethane	2.856	94	186289	61.082	ug/l	99
6) Chloroethane	3.020	64	135499	48.589	ug/l	98
7) Trichlorofluoromethane	3.379	101	162220	43.641	ug/l	98
8) Diethyl Ether	3.829	74	63288	44.063	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.218	101	94750	44.397	ug/l	89
10) Methyl Iodide	4.433	142	122005	44.635	ug/l	94
11) Tert butyl alcohol	5.393	59	114870	229.554	ug/l	# 82
12) 1,1-Dichloroethene	4.189	96	96486	45.202	ug/l	95
13) Acrolein	4.049	56	36291	255.481	ug/l	96
14) Allyl chloride	4.849	41	180861	46.339	ug/l	# 87
15) Acrylonitrile	5.567	53	261239	238.015	ug/l	99
16) Acetone	4.301	43	205045	194.768	ug/l	94
17) Carbon Disulfide	4.540	76	286431	45.941	ug/l	100
18) Methyl Acetate	4.859	43	136123	45.613	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	366253	48.323	ug/l	98
20) Methylene Chloride	5.106	84	118634	44.749	ug/l	93
21) trans-1,2-Dichloroethene	5.602	96	117844	47.499	ug/l	99
22) Diisopropyl ether	6.501	45	373995	49.978	ug/l	95
23) Vinyl Acetate	6.442	43	1769992	243.256	ug/l	97
24) 1,1-Dichloroethane	6.391	63	219895m	48.669	ug/l	
25) 2-Butanone	7.343	43	394506	234.019	ug/l	93
26) 2,2-Dichloropropane	7.332	77	206925	47.413	ug/l	97
27) cis-1,2-Dichloroethene	7.332	96	143778	50.030	ug/l	97
28) Bromochloromethane	7.665	49	106739	47.838	ug/l	85
29) Tetrahydrofuran	7.694	42	253407	252.781	ug/l	94
30) Chloroform	7.823	83	247002	50.537	ug/l	99
31) Cyclohexane	8.102	56	192293	46.942	ug/l	96
32) 1,1,1-Trichloroethane	8.019	97	233670	51.191	ug/l	97
36) 1,1-Dichloropropene	8.228	75	184485	50.407	ug/l	98
37) Ethyl Acetate	7.418	43	168160	47.664	ug/l	98
38) Carbon Tetrachloride	8.212	117	202632	50.695	ug/l	100
39) Methylcyclohexane	9.462	83	208791	50.357	ug/l	100
40) Benzene	8.467	78	572934	50.449	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	92713	50.762	ug/l #	85
42) 1,2-Dichloroethane	8.536	62	194613	49.906	ug/l	98
43) Isopropyl Acetate	8.566	43	328359	48.945	ug/l	95
44) Trichloroethene	9.220	130	146447	51.247	ug/l	91
45) 1,2-Dichloropropane	9.494	63	141873	50.178	ug/l	98
46) Dibromomethane	9.580	93	98176	49.234	ug/l	87
47) Bromodichloromethane	9.765	83	207388	51.044	ug/l	96
48) Methyl methacrylate	9.564	41	141404	48.641	ug/l #	85
49) 1,4-Dioxane	9.585	88	46021	1001.879	ug/l #	80
51) 4-Methyl-2-Pentanone	10.336	43	946220	240.671	ug/l	93
52) Toluene	10.510	92	379198	50.622	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	237563	49.582	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	242202	49.972	ug/l #	85
55) 1,1,2-Trichloroethane	10.905	97	143063	50.314	ug/l	97
56) Ethyl methacrylate	10.765	69	231363	49.859	ug/l #	86
57) 1,3-Dichloropropane	11.049	76	236650	50.500	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.046	63	238883	242.292	ug/l	97
59) 2-Hexanone	11.092	43	676247	236.674	ug/l	93
60) Dibromochloromethane	11.242	129	171530	51.054	ug/l	100
61) 1,2-Dibromoethane	11.350	107	150500	50.311	ug/l	98
64) Tetrachloroethene	10.982	164	135122	52.894	ug/l	97
65) Chlorobenzene	11.776	112	406963	50.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.846	131	157974	51.898	ug/l	97
67) Ethyl Benzene	11.851	91	741639	50.356	ug/l	97
68) m/p-Xylenes	11.959	106	582104	100.701	ug/l	93
69) o-Xylene	12.286	106	284983	50.445	ug/l	95
70) Styrene	12.299	104	482801	50.044	ug/l	97
71) Bromoform	12.463	173	128329	51.167	ug/l #	100
73) Isopropylbenzene	12.583	105	745884	48.003	ug/l	99
74) N-amyl acetate	12.393	43	298877	47.730	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.833	83	213993	48.342	ug/l	99
76) 1,2,3-Trichloropropane	12.886	75	193420m	49.254	ug/l	
77) Bromobenzene	12.865	156	172868	48.861	ug/l	84
78) n-propylbenzene	12.927	91	877980	48.494	ug/l	96
79) 2-Chlorotoluene	13.109	91	541615	49.270	ug/l	96
80) 1,3,5-Trimethylbenzene	13.063	105	651021	48.388	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	75919	47.301	ug/l	95
82) 4-Chlorotoluene	13.013	91	516885	48.974	ug/l	99
83) tert-Butylbenzene	13.329	119	568188	49.342	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	651026	48.652	ug/l	97
85) sec-Butylbenzene	13.506	105	779366	48.758	ug/l	99
86) p-Isopropyltoluene	13.621	119	685956	48.481	ug/l	96
87) 1,3-Dichlorobenzene	13.621	146	339335	50.304	ug/l	97
88) 1,4-Dichlorobenzene	13.699	146	340164	49.888	ug/l	96
89) n-Butylbenzene	13.949	91	614898	48.289	ug/l	96
90) Hexachloroethane	14.217	117	117881	48.437	ug/l	82
91) 1,2-Dichlorobenzene	13.991	146	334731	50.368	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	48219	52.670	ug/l	80
93) 1,2,4-Trichlorobenzene	15.268	180	169408	55.465	ug/l	98
94) Hexachlorobutadiene	15.375	225	89541	51.713	ug/l	98
95) Naphthalene	15.512	128	463285	50.938	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	156030	57.549	ug/l	97

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

