

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092921\
 Data File : VN068741.D
 Acq On : 29 Sep 2021 14:51
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/30/2021 6:18:17 PM

Quant Time: Sep 29 15:10:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 15:10:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	459941	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	799029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	749159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	314204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	52726	8.128	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	16.260%#		
35) Dibromofluoromethane	8.024	113	41440	7.859	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	15.720%#		
50) Toluene-d8	10.443	98	154620	7.752	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	15.500%#		
62) 4-Bromofluorobenzene	12.731	95	52892	7.484	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	14.960%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	49336	9.912	ug/l	97
3) Chloromethane	2.306	50	51998	9.709	ug/l	99
4) Vinyl Chloride	2.445	62	94319	9.333	ug/l	95
5) Bromomethane	2.872	94	82582	10.388	ug/l	99
6) Chloroethane	3.025	64	77122	8.709	ug/l	100
7) Trichlorofluoromethane	3.381	101	80988	9.242	ug/l	99
8) Diethyl Ether	3.835	74	26076	9.285	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.215	101	48412	9.737	ug/l	94
10) Methyl Iodide	4.427	142	31261	6.714	ug/l	93
11) Tert butyl alcohol	5.361	59	41219	47.862	ug/l #	85
12) 1,1-Dichloroethene	4.186	96	40266	9.388	ug/l #	76
13) Acrolein	4.052	56	5253	32.939	ug/l #	69
14) Allyl chloride	4.848	41	62890	9.272	ug/l #	88
15) Acrylonitrile	5.554	53	111401	45.706	ug/l	95
16) Acetone	4.291	43	129349	53.042	ug/l	98
17) Carbon Disulfide	4.535	76	84273	8.718	ug/l	96
18) Methyl Acetate	4.862	43	72657	9.441	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	159638	9.188	ug/l	98
20) Methylene Chloride	5.095	84	52429	9.549	ug/l	84
21) trans-1,2-Dichloroethene	5.599	96	45436	9.347	ug/l	88
22) Diisopropyl ether	6.495	45	151295	9.371	ug/l #	91
23) Vinyl Acetate	6.436	43	593383	46.264	ug/l #	92
24) 1,1-Dichloroethane	6.391	63	90156	9.288	ug/l	97
25) 2-Butanone	7.335	43	173157	48.422	ug/l	91
26) 2,2-Dichloropropane	7.327	77	85480	9.310	ug/l	93
27) cis-1,2-Dichloroethene	7.329	96	58247	9.288	ug/l	85
28) Bromochloromethane	7.656	49	37641	8.324	ug/l #	74
29) Tetrahydrofuran	7.686	42	104817	47.107	ug/l	91
30) Chloroform	7.820	83	103104	9.043	ug/l	100
31) Cyclohexane	8.096	56	78821	9.786	ug/l #	80
32) 1,1,1-Trichloroethane	8.018	97	92082	9.027	ug/l	97
36) 1,1-Dichloropropene	8.220	75	68229	8.994	ug/l	95
37) Ethyl Acetate	7.415	43	67515	9.436	ug/l	98
38) Carbon Tetrachloride	8.209	117	78011	8.587	ug/l	97
39) Methylcyclohexane	9.464	83	77830	8.784	ug/l	93
40) Benzene	8.461	78	209839	9.107	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	33572	9.807	ug/l	90
42) 1,2-Dichloroethane	8.531	62	79781	8.815	ug/l	98
43) Isopropyl Acetate	8.560	43	122847	9.272	ug/l	96
44) Trichloroethene	9.217	130	54719	8.851	ug/l	86
45) 1,2-Dichloropropane	9.491	63	54585	9.179	ug/l	97
46) Dibromomethane	9.579	93	42983	9.433	ug/l	95
47) Bromodichloromethane	9.764	83	84338	9.142	ug/l #	97
48) Methyl methacrylate	9.558	41	50366	8.853	ug/l	86
49) 1,4-Dioxane	9.571	88	16419	181.454	ug/l	86
51) 4-Methyl-2-Pentanone	10.333	43	382395	47.424	ug/l	97
52) Toluene	10.507	92	139567	8.946	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	86492	9.086	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	88831	8.949	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	59183	8.982	ug/l	96
56) Ethyl methacrylate	10.762	69	82879	9.245	ug/l	92
57) 1,3-Dichloropropane	11.046	76	95348	9.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	66457	34.325	ug/l	91
59) 2-Hexanone	11.087	43	265248	47.803	ug/l	98
60) Dibromochloromethane	11.240	129	64504	9.109	ug/l	98
61) 1,2-Dibromoethane	11.347	107	58887	9.057	ug/l	100
64) Tetrachloroethene	10.979	164	49014	8.769	ug/l	95
65) Chlorobenzene	11.773	112	158292	9.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	59967	8.906	ug/l	99
67) Ethyl Benzene	11.846	91	278361	9.112	ug/l	97
68) m/p-Xylenes	11.956	106	208938	18.380	ug/l	87
69) o-Xylene	12.283	106	102101	9.036	ug/l	87
70) Styrene	12.296	104	160701	8.798	ug/l	93
71) Bromoform	12.460	173	42052	8.689	ug/l #	100
73) Isopropylbenzene	12.581	105	272581	9.703	ug/l	98
74) N-amyl acetate	12.393	43	87671	9.649	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	81478	9.745	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	62464m	9.103	ug/l	
77) Bromobenzene	12.862	156	59183	9.251	ug/l	76
78) n-propylbenzene	12.924	91	303253	9.516	ug/l	98
79) 2-Chlorotoluene	13.010	91	175251	9.533	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	213987	9.538	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	21943	8.903	ug/l	97
82) 4-Chlorotoluene	13.106	91	180922	9.818	ug/l	92
83) tert-Butylbenzene	13.326	119	190986	9.640	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	212225	9.626	ug/l	93
85) sec-Butylbenzene	13.503	105	275816	9.646	ug/l	98
86) p-Isopropyltoluene	13.618	119	217118	9.422	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	111450	9.317	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	112354	9.532	ug/l	96
89) n-Butylbenzene	13.946	91	192541	9.516	ug/l	96
90) Hexachloroethane	14.214	117	43471	9.426	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	109274	9.623	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	14576	10.030	ug/l	75
93) 1,2,4-Trichlorobenzene	15.268	180	56256	10.779	ug/l	97
94) Hexachlorobutadiene	15.372	225	29071	10.165	ug/l	95
95) Naphthalene	15.509	128	151912	11.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	54410	10.969	ug/l	98

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

