

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067266.D
 Acq On : 10 Jun 2021 12:34
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061021

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:07:38 PM

Quant Time: Jun 11 05:38:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	371635	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	690413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	627282	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	285254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	345540	49.192	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.380%
35) Dibromofluoromethane	8.024	113	223996	50.913	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.820%
50) Toluene-d8	10.443	98	879311	50.858	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.720%
62) 4-Bromofluorobenzene	12.733	95	365928	50.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	243037	52.549	ug/l	99
3) Chloromethane	2.303	50	301008	50.773	ug/l	99
4) Vinyl Chloride	2.443	62	293662	51.211	ug/l	98
5) Bromomethane	2.842	94	150927	58.097	ug/l	94
6) Chloroethane	3.014	64	175392	52.087	ug/l	99
7) Trichlorofluoromethane	3.371	101	378307	52.146	ug/l	96
8) Diethyl Ether	3.821	74	161507	51.772	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.202	101	227372	54.049	ug/l	# 83
10) Methyl Iodide	4.419	142	239640	52.555	ug/l	# 82
11) Tert butyl alcohol	5.388	59	291481	243.830	ug/l	# 82
12) 1,1-Dichloroethene	4.175	96	210325	51.722	ug/l	# 77
13) Acrolein	4.041	56	100354	209.233	ug/l	94
14) Allyl chloride	4.835	41	510727	51.738	ug/l	# 86
15) Acrylonitrile	5.559	53	643391	248.742	ug/l	99
16) Acetone	4.291	43	777948	274.282	ug/l	# 87
17) Carbon Disulfide	4.521	76	604981	50.886	ug/l	99
18) Methyl Acetate	4.859	43	401585	50.865	ug/l	# 88
19) Methyl tert-butyl Ether	5.624	73	832840	51.269	ug/l	98
20) Methylene Chloride	5.093	84	256864	50.489	ug/l	# 78
21) trans-1,2-Dichloroethene	5.594	96	232958	52.825	ug/l	# 81
22) Diisopropyl ether	6.501	45	910954	51.477	ug/l	# 88
23) Vinyl Acetate	6.436	43	4326895	255.797	ug/l	# 91
24) 1,1-Dichloroethane	6.388	63	517343	51.498	ug/l	97
25) 2-Butanone	7.343	43	1087271	251.270	ug/l	# 87
26) 2,2-Dichloropropane	7.327	77	514848	53.303	ug/l	91
27) cis-1,2-Dichloroethene	7.327	96	276337	51.311	ug/l	76
28) Bromochloromethane	7.659	49	238968	48.679	ug/l	# 64
29) Tetrahydrofuran	7.689	42	605730	248.275	ug/l	# 83
30) Chloroform	7.820	83	519552	52.091	ug/l	99
31) Cyclohexane	8.094	56	413702	47.865	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	476905	51.943	ug/l	# 94
36) 1,1-Dichloropropene	8.222	75	386797	52.894	ug/l	92
37) Ethyl Acetate	7.418	43	428274	52.160	ug/l	# 92
38) Carbon Tetrachloride	8.206	117	407595	53.455	ug/l	97
39) Methylcyclohexane	9.461	83	412412	53.547	ug/l	88
40) Benzene	8.461	78	1096352	52.455	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	234329	52.744	ug/l #	77
42) 1,2-Dichloroethane	8.531	62	463198	53.763	ug/l	92
43) Isopropyl Acetate	8.566	43	775671	51.085	ug/l #	90
44) Trichloroethene	9.217	130	257467	53.380	ug/l	77
45) 1,2-Dichloropropane	9.494	63	310133	52.646	ug/l	98
46) Dibromomethane	9.579	93	196819	52.599	ug/l #	78
47) Bromodichloromethane	9.765	83	445240	53.323	ug/l	99
48) Methyl methacrylate	9.563	41	359168	50.745	ug/l #	77
49) 1,4-Dioxane	9.574	88	87333	1022.666	ug/l #	79
51) 4-Methyl-2-Pentanone	10.336	43	2290658	253.523	ug/l	88
52) Toluene	10.507	92	692014	52.587	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	517425	53.190	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	522689	52.742	ug/l #	78
55) 1,1,2-Trichloroethane	10.902	97	265434	52.649	ug/l	95
56) Ethyl methacrylate	10.765	69	478535	51.264	ug/l #	72
57) 1,3-Dichloropropane	11.047	76	489305	52.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	520147	220.534	ug/l	90
59) 2-Hexanone	11.089	43	1654936	253.673	ug/l	86
60) Dibromochloromethane	11.240	129	308358	53.076	ug/l	100
61) 1,2-Dibromoethane	11.347	107	269485	51.920	ug/l	99
64) Tetrachloroethene	10.979	164	228078	52.674	ug/l	89
65) Chlorobenzene	11.773	112	721756	54.080	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	275867	54.097	ug/l	99
67) Ethyl Benzene	11.848	91	1413285	54.024	ug/l	94
68) m/p-Xylenes	11.956	106	1029986	109.368	ug/l	84
69) o-Xylene	12.283	106	498047	53.920	ug/l	83
70) Styrene	12.296	104	842483	54.484	ug/l #	91
71) Bromoform	12.460	173	202554	53.735	ug/l #	100
73) Isopropylbenzene	12.581	105	1341854	49.939	ug/l	97
74) N-amyl acetate	12.390	43	666304	50.433	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	401120	50.128	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	401139m	52.936	ug/l	
77) Bromobenzene	12.865	156	273712	51.233	ug/l #	55
78) n-propylbenzene	12.924	91	1624659	51.806	ug/l	91
79) 2-Chlorotoluene	13.106	91	1008360	52.363	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	1176807	51.272	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	149819	50.575	ug/l #	82
82) 4-Chlorotoluene	13.010	91	972488	51.206	ug/l	90
83) tert-Butylbenzene	13.326	119	956473	50.666	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	1174824	52.260	ug/l	92
85) sec-Butylbenzene	13.503	105	1352035	51.321	ug/l	94
86) p-Isopropyltoluene	13.619	119	1168956	52.427	ug/l	91
87) 1,3-Dichlorobenzene	13.616	146	517041	53.074	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	513088	53.587	ug/l	93
89) n-Butylbenzene	13.943	91	1103358	53.768	ug/l	95
90) Hexachloroethane	14.214	117	206048	50.936	ug/l	73
91) 1,2-Dichlorobenzene	13.991	146	494582	53.475	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.605	75	95666	49.595	ug/l	57
93) 1,2,4-Trichlorobenzene	15.265	180	274396	57.676	ug/l	96
94) Hexachlorobutadiene	15.373	225	155257	55.889	ug/l	99
95) Naphthalene	15.507	128	782041	50.101	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	254680	57.754	ug/l	95

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

