

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067261.D
 Acq On : 10 Jun 2021 10:21
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:07:30 PM

Quant Time: Jun 10 11:17:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 11:15:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	343674	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	659739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	598261	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	247831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	117075	22.802	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	45.600%	#	
35) Dibromofluoromethane	8.024	113	75983	18.998	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.000%	#	
50) Toluene-d8	10.446	98	293327	16.457	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	32.920%	#	
62) 4-Bromofluorobenzene	12.733	95	121129	18.515	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	37.020%	#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	78287	23.431	ug/l	97
3) Chloromethane	2.303	50	100334	19.996	ug/l	98
4) Vinyl Chloride	2.445	62	98526	10.170	ug/l	99
5) Bromomethane	2.861	94	47210	5.945	ug/l	98
6) Chloroethane	3.022	64	56734	7.260	ug/l	98
7) Trichlorofluoromethane	3.371	101	122035	5.892	ug/l	93
8) Diethyl Ether	3.824	74	51246	18.841	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.205	101	72147	24.287	ug/l #	82
10) Methyl Iodide	4.417	142	76228	21.105	ug/l #	87
11) Tert butyl alcohol	5.398	59	100401	127.002	ug/l #	82
12) 1,1-Dichloroethene	4.178	96	69655	23.479	ug/l #	73
13) Acrolein	4.041	56	36840	87.872	ug/l	89
14) Allyl chloride	4.840	41	169261	27.791	ug/l #	87
15) Acrylonitrile	5.562	53	222812	121.638	ug/l	99
16) Acetone	4.296	43	244159	151.961	ug/l	89
17) Carbon Disulfide	4.524	76	198265	22.642	ug/l	100
18) Methyl Acetate	4.865	43	141757	27.670	ug/l #	85
19) Methyl tert-butyl Ether	5.626	73	279487	23.229	ug/l	98
20) Methylene Chloride	5.098	84	88705	22.886	ug/l #	83
21) trans-1,2-Dichloroethene	5.597	96	75887	20.249	ug/l #	80
22) Diisopropyl ether	6.503	45	308401	23.360	ug/l #	90
23) Vinyl Acetate	6.439	43	1439269	114.900	ug/l #	91
24) 1,1-Dichloroethane	6.391	63	173471	23.474	ug/l	97
25) 2-Butanone	7.345	43	367079	124.730	ug/l #	87
26) 2,2-Dichloropropane	7.324	77	166832	23.691	ug/l	92
27) cis-1,2-Dichloroethene	7.329	96	92227	20.208	ug/l	77
28) Bromochloromethane	7.659	49	84240	21.603	ug/l #	64
29) Tetrahydrofuran	7.694	42	212516	116.456	ug/l #	83
30) Chloroform	7.820	83	170889	21.024	ug/l	100
31) Cyclohexane	8.094	56	144387	22.006	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	157683	21.284	ug/l #	94
36) 1,1-Dichloropropene	8.222	75	124890	20.505	ug/l	92
37) Ethyl Acetate	7.420	43	143899	22.391	ug/l	94
38) Carbon Tetrachloride	8.206	117	133061	20.528	ug/l	95
39) Methylcyclohexane	9.461	83	131130	18.717	ug/l #	88
40) Benzene	8.461	78	366702	19.318	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	79231	23.787	ug/l #	78
42) 1,2-Dichloroethane	8.533	62	150851	22.304	ug/l	93
43) Isopropyl Acetate	8.568	43	264738	22.346	ug/l #	90
44) Trichloroethene	9.217	130	84985	18.413	ug/l	78
45) 1,2-Dichloropropane	9.494	63	103171	21.150	ug/l	99
46) Dibromomethane	9.579	93	65831	18.845	ug/l #	76
47) Bromodichloromethane	9.765	83	145809	20.912	ug/l	99
48) Methyl methacrylate	9.563	41	121745	22.985	ug/l #	80
49) 1,4-Dioxane	9.574	88	29824	367.595	ug/l #	82
51) 4-Methyl-2-Pentanone	10.336	43	781006	103.173	ug/l	89
52) Toluene	10.507	92	226073	16.669	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	165305	19.561	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	173557	20.465	ug/l #	80
55) 1,1,2-Trichloroethane	10.899	97	89336	17.795	ug/l	97
56) Ethyl methacrylate	10.765	69	158514	18.889	ug/l #	71
57) 1,3-Dichloropropane	11.046	76	162082	19.341	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	163906	88.330	ug/l	89
59) 2-Hexanone	11.089	43	548175	101.713	ug/l	87
60) Dibromochloromethane	11.242	129	99503	17.305	ug/l	98
61) 1,2-Dibromoethane	11.347	107	89350	17.373	ug/l	99
64) Tetrachloroethene	10.979	164	78638	19.471	ug/l	91
65) Chlorobenzene	11.773	112	233184	18.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	89807	19.154	ug/l	100
67) Ethyl Benzene	11.848	91	452693	19.299	ug/l	95
68) m/p-Xylenes	11.956	106	323688	35.319	ug/l	84
69) o-Xylene	12.283	106	158398	17.691	ug/l	80
70) Styrene	12.296	104	260175	16.994	ug/l #	90
71) Bromoform	12.460	173	65129	17.179	ug/l #	99
73) Isopropylbenzene	12.581	105	432139	21.159	ug/l	97
74) N-amyl acetate	12.390	43	207663	24.296	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	130203	22.681	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	124125m	24.467	ug/l	
77) Bromobenzene	12.862	156	85825	19.894	ug/l #	53
78) n-propylbenzene	12.924	91	498345	21.590	ug/l	92
79) 2-Chlorotoluene	13.106	91	304752	21.984	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	366263	21.281	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	47057	23.043	ug/l #	85
82) 4-Chlorotoluene	13.010	91	304060	22.712	ug/l	90
83) tert-Butylbenzene	13.326	119	301523	20.557	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	360031	21.061	ug/l	91
85) sec-Butylbenzene	13.503	105	416676	20.418	ug/l	93
86) p-Isopropyltoluene	13.616	119	347581	19.712	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	155216	18.905	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	152043	18.598	ug/l	91
89) n-Butylbenzene	13.946	91	322995	20.773	ug/l	94
90) Hexachloroethane	14.211	117	62554	21.316	ug/l	74
91) 1,2-Dichlorobenzene	13.991	146	149280	18.926	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.605	75	31401	26.993	ug/l	56
93) 1,2,4-Trichlorobenzene	15.265	180	75989	19.480	ug/l	95
94) Hexachlorobutadiene	15.373	225	44729	24.450	ug/l	100
95) Naphthalene	15.507	128	212518	18.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	70995	19.422	ug/l	95

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

