

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067260.D
 Acq On : 10 Jun 2021 9:57
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 6:07:28 PM

Quant Time: Jun 10 11:16:36 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	367227	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	700641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	646709	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	252929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	62891	11.463	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	22.920%#		
35) Dibromofluoromethane	8.024	113	40913	9.632	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	19.260%#		
50) Toluene-d8	10.443	98	157605	8.326	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	16.660%#		
62) 4-Bromofluorobenzene	12.734	95	62877	9.050	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	18.100%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	41157	11.528	ug/l	99
3) Chloromethane	2.303	50	53569	9.991	ug/l	99
4) Vinyl Chloride	2.446	62	50448	4.873	ug/l	98
5) Bromomethane	2.859	94	25034	2.950	ug/l	98
6) Chloroethane	3.022	64	30555	3.659	ug/l	98
7) Trichlorofluoromethane	3.373	101	65948	2.980	ug/l	96
8) Diethyl Ether	3.821	74	28878	9.936	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.200	101	37544	11.828	ug/l #	57
10) Methyl Iodide	4.419	142	38337	9.933	ug/l #	75
11) Tert butyl alcohol	5.396	59	54488	64.504	ug/l	100
12) 1,1-Dichloroethene	4.175	96	35807	11.295	ug/l #	76
13) Acrolein	4.041	56	19669	43.906	ug/l	98
14) Allyl chloride	4.843	41	88109	13.539	ug/l #	87
15) Acrylonitrile	5.565	53	112841	57.651	ug/l	99
16) Acetone	4.296	43	144248	84.020	ug/l	89
17) Carbon Disulfide	4.524	76	104181	11.135	ug/l	97
18) Methyl Acetate	4.862	43	73730	13.468	ug/l #	88
19) Methyl tert-butyl Ether	5.624	73	144740	11.258	ug/l	99
20) Methylene Chloride	5.093	84	46111	11.134	ug/l #	83
21) trans-1,2-Dichloroethene	5.600	96	40119	10.019	ug/l #	76
22) Diisopropyl ether	6.501	45	154591	10.959	ug/l #	87
23) Vinyl Acetate	6.439	43	745382	55.689	ug/l #	91
24) 1,1-Dichloroethane	6.391	63	91065	11.533	ug/l	97
25) 2-Butanone	7.343	43	198114	63.000	ug/l #	86
26) 2,2-Dichloropropane	7.324	77	89630	11.911	ug/l	91
27) cis-1,2-Dichloroethene	7.329	96	47695	9.780	ug/l	75
28) Bromochloromethane	7.659	49	40164	9.639	ug/l #	64
29) Tetrahydrofuran	7.697	42	107189	54.971	ug/l #	84
30) Chloroform	7.820	83	90083	10.372	ug/l	96
31) Cyclohexane	8.094	56	84210	12.011	ug/l #	86
32) 1,1,1-Trichloroethane	8.016	97	83654	10.567	ug/l #	94
36) 1,1-Dichloropropene	8.223	75	67237	10.395	ug/l	92
37) Ethyl Acetate	7.421	43	77205	11.312	ug/l	94
38) Carbon Tetrachloride	8.206	117	69878	10.151	ug/l	95
39) Methylcyclohexane	9.462	83	69240	9.306	ug/l #	89
40) Benzene	8.461	78	191744	9.512	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	40484	11.445	ug/l #	80
42) 1,2-Dichloroethane	8.531	62	77779	10.829	ug/l	93
43) Isopropyl Acetate	8.568	43	137730	10.947	ug/l #	89
44) Trichloroethene	9.220	130	43557	8.886	ug/l	73
45) 1,2-Dichloropropane	9.494	63	53364	10.301	ug/l	93
46) Dibromomethane	9.580	93	35046	9.447	ug/l #	75
47) Bromodichloromethane	9.765	83	77438	10.458	ug/l	98
48) Methyl methacrylate	9.563	41	63421	11.275	ug/l #	77
49) 1,4-Dioxane	9.577	88	14909	173.033	ug/l #	71
51) 4-Methyl-2-Pentanone	10.336	43	409092	50.887	ug/l	88
52) Toluene	10.508	92	119511	8.298	ug/l	95
53) t-1,3-Dichloropropene	10.722	75	88844	9.899	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	89581	9.946	ug/l #	77
55) 1,1,2-Trichloroethane	10.902	97	46681	8.756	ug/l	95
56) Ethyl methacrylate	10.765	69	85911	9.640	ug/l #	73
57) 1,3-Dichloropropane	11.049	76	85061	9.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.046	63	78631	39.901	ug/l	90
59) 2-Hexanone	11.090	43	296154	51.743	ug/l	86
60) Dibromochloromethane	11.240	129	52782	8.644	ug/l	99
61) 1,2-Dibromoethane	11.347	107	48131	8.812	ug/l	96
64) Tetrachloroethene	10.977	164	42681	9.776	ug/l #	88
65) Chlorobenzene	11.773	112	120362	8.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	47764	9.424	ug/l	99
67) Ethyl Benzene	11.849	91	236280	9.318	ug/l	97
68) m/p-Xylenes	11.953	106	171769	17.338	ug/l	85
69) o-Xylene	12.280	106	85558	8.840	ug/l	86
70) Styrene	12.296	104	137660	8.318	ug/l #	91
71) Bromoform	12.460	173	33797	8.247	ug/l #	99
73) Isopropylbenzene	12.581	105	228693	10.972	ug/l	96
74) N-amyl acetate	12.390	43	106507	12.210	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	68374	11.670	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	67636m	13.064	ug/l	
77) Bromobenzene	12.862	156	44304	10.062	ug/l #	51
78) n-propylbenzene	12.921	91	259061	10.997	ug/l	91
79) 2-Chlorotoluene	13.106	91	158714	11.218	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	191750	10.917	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	23774	11.407	ug/l #	82
82) 4-Chlorotoluene	13.010	91	157267	11.510	ug/l	92
83) tert-Butylbenzene	13.324	119	161802	10.809	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	182978	10.488	ug/l	93
85) sec-Butylbenzene	13.503	105	217031	10.421	ug/l	93
86) p-Isopropyltoluene	13.619	119	182965	10.167	ug/l	89
87) 1,3-Dichlorobenzene	13.616	146	79427	9.479	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	75579	9.059	ug/l	86
89) n-Butylbenzene	13.943	91	161419	10.172	ug/l	96
90) Hexachloroethane	14.211	117	33087	11.047	ug/l	73
91) 1,2-Dichlorobenzene	13.989	146	75825	9.419	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.606	75	16267	13.701	ug/l	55
93) 1,2,4-Trichlorobenzene	15.265	180	36040	9.053	ug/l	95
94) Hexachlorobutadiene	15.373	225	23051	12.346	ug/l	97
95) Naphthalene	15.507	128	98324	8.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	33479	8.974	ug/l	96

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

