

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061021\
 Data File : VN067259.D
 Acq On : 10 Jun 2021 9:32
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda

6/11/2021 6:07:26 PM

Quant Time: Jun 10 11:15:52 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	8.086	168	362605	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	685999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	617261	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	252165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	38271	7.065	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	14.120%#		
35) Dibromofluoromethane	8.021	113	23595	5.674	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	11.340%#		
50) Toluene-d8	10.441	98	92189	4.974	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.940%#		
62) 4-Bromofluorobenzene	12.734	95	40130	5.899	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	11.800%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	23318	6.615	ug/l	99
3) Chloromethane	2.303	50	31542	5.958	ug/l	99
4) Vinyl Chloride	2.446	62	29473	2.883	ug/l	96
5) Bromomethane	2.837	94	15120	1.805	ug/l	95
6) Chloroethane	3.009	64	18164	2.203	ug/l	94
7) Trichlorofluoromethane	3.368	101	37633	1.722	ug/l	98
8) Diethyl Ether	3.821	74	16718	5.825	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.200	101	21466	6.849	ug/l #	80
10) Methyl Iodide	4.417	142	19677	5.163	ug/l #	78
11) Tert butyl alcohol	5.390	59	28723	34.436	ug/l #	94
12) 1,1-Dichloroethene	4.175	96	21420	6.843	ug/l #	77
13) Acrolein	4.033	56	14174	32.043	ug/l #	40
14) Allyl chloride	4.830	41	48697	7.578	ug/l #	88
15) Acrylonitrile	5.565	53	59771	30.927	ug/l	95
16) Acetone	4.296	43	79628	46.972	ug/l	91
17) Carbon Disulfide	4.521	76	64402	6.971	ug/l	99
18) Methyl Acetate	4.859	43	33331	6.166	ug/l #	70
19) Methyl tert-butyl Ether	5.624	73	80323	6.327	ug/l	100
20) Methylene Chloride	5.095	84	26318	6.436	ug/l #	78
21) trans-1,2-Dichloroethene	5.586	96	21490	5.435	ug/l #	80
22) Diisopropyl ether	6.501	45	86914	6.240	ug/l #	86
23) Vinyl Acetate	6.436	43	414063	31.330	ug/l #	90
24) 1,1-Dichloroethane	6.388	63	49949	6.406	ug/l	96
25) 2-Butanone	7.343	43	107761	34.705	ug/l #	87
26) 2,2-Dichloropropane	7.321	77	49134	6.613	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	26718	5.549	ug/l	74
28) Bromochloromethane	7.657	49	25900	6.295	ug/l #	63
29) Tetrahydrofuran	7.694	42	54435	28.272	ug/l	88
30) Chloroform	7.820	83	49580	5.781	ug/l	97
31) Cyclohexane	8.091	56	51271	7.406	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	45170	5.779	ug/l #	94
36) 1,1-Dichloropropene	8.220	75	38626	6.099	ug/l	94
37) Ethyl Acetate	7.421	43	36392	5.446	ug/l	97
38) Carbon Tetrachloride	8.209	117	38755	5.750	ug/l	85
39) Methylcyclohexane	9.462	83	41900	5.752	ug/l #	84
40) Benzene	8.459	78	106805	5.411	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	19492	5.628	ug/l #	80
42) 1,2-Dichloroethane	8.531	62	45201	6.427	ug/l	92
43) Isopropyl Acetate	8.566	43	74925	6.082	ug/l #	92
44) Trichloroethene	9.215	130	25166	5.244	ug/l	83
45) 1,2-Dichloropropane	9.491	63	29918	5.898	ug/l	96
46) Dibromomethane	9.580	93	18746	5.161	ug/l #	78
47) Bromodichloromethane	9.762	83	41457	5.718	ug/l	94
48) Methyl methacrylate	9.561	41	34864	6.330	ug/l #	74
49) 1,4-Dioxane	9.582	88	8271m	98.042	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	216659	27.526	ug/l	88
52) Toluene	10.505	92	68467	4.855	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	49039	5.581	ug/l	95
54) cis-1,3-Dichloropropene	10.191	75	51176	5.803	ug/l #	78
55) 1,1,2-Trichloroethane	10.899	97	24617	4.716	ug/l	90
56) Ethyl methacrylate	10.762	69	46139	5.288	ug/l #	71
57) 1,3-Dichloropropane	11.047	76	46897	5.382	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.044	63	43564	22.578	ug/l	91
59) 2-Hexanone	11.090	43	160866	28.706	ug/l	86
60) Dibromochloromethane	11.240	129	29619	4.954	ug/l	97
61) 1,2-Dibromoethane	11.350	107	25735	4.812	ug/l	97
64) Tetrachloroethene	10.982	164	23345	5.602	ug/l	87
65) Chlorobenzene	11.771	112	68242	5.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	25799	5.333	ug/l	99
67) Ethyl Benzene	11.849	91	135871	5.614	ug/l	92
68) m/p-Xylenes	11.956	106	97894	10.353	ug/l	86
69) o-Xylene	12.283	106	47228	5.112	ug/l	82
70) Styrene	12.296	104	78533	4.972	ug/l #	91
71) Bromoform	12.460	173	18501	4.730	ug/l #	99
73) Isopropylbenzene	12.581	105	129082	6.212	ug/l	95
74) N-amyl acetate	12.390	43	59684	6.863	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.830	83	36453	6.241	ug/l	95
76) 1,2,3-Trichloropropane	12.881	75	37532m	7.271	ug/l	
77) Bromobenzene	12.860	156	25247	5.752	ug/l #	55
78) n-propylbenzene	12.921	91	148587	6.327	ug/l	92
79) 2-Chlorotoluene	13.106	91	89848	6.370	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	110087	6.287	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.626	75	13397	6.447	ug/l #	80
82) 4-Chlorotoluene	13.010	91	90108	6.615	ug/l	92
83) tert-Butylbenzene	13.324	119	87511	5.864	ug/l	80
84) 1,2,4-Trimethylbenzene	13.369	105	105624	6.073	ug/l	92
85) sec-Butylbenzene	13.503	105	126007	6.069	ug/l	92
86) p-Isopropyltoluene	13.616	119	106891	5.958	ug/l	91
87) 1,3-Dichlorobenzene	13.616	146	44927	5.378	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	44829	5.389	ug/l	85
89) n-Butylbenzene	13.943	91	94638	5.982	ug/l	95
90) Hexachloroethane	14.211	117	19444	6.512	ug/l	67
91) 1,2-Dichlorobenzene	13.991	146	42255	5.265	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	9124	7.708	ug/l	51
93) 1,2,4-Trichlorobenzene	15.268	180	18742	4.722	ug/l	94
94) Hexachlorobutadiene	15.370	225	12862	6.910	ug/l	98
95) Naphthalene	15.507	128	47220	4.056	ug/l	98
96) 1,2,3-Trichlorobenzene	15.705	180	17255	4.639	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

