

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067527.D
 Acq On : 28 Jun 2021 12:38
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
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MMDadoda
 6/29/2021 6:22:16 PM

Quant Time: Jun 28 13:39:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 13:37:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	244975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	458584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	428624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	186424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	63900	13.670	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	27.340%#		
35) Dibromofluoromethane	8.024	113	50827	18.012	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	36.020%#		
50) Toluene-d8	10.443	98	207003	17.470	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	34.940%#		
62) 4-Bromofluorobenzene	12.734	95	69275	16.400	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	32.800%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	48238	12.636	ug/l	97
3) Chloromethane	2.303	50	58831	13.679	ug/l	100
4) Vinyl Chloride	2.443	62	82452	20.280	ug/l	96
5) Bromomethane	2.861	94	62726	25.974	ug/l	99
6) Chloroethane	3.019	64	55703	20.957	ug/l	98
7) Trichlorofluoromethane	3.371	101	146601	23.093	ug/l	98
8) Diethyl Ether	3.821	74	31594	13.243	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	45709	14.240	ug/l	98
10) Methyl Iodide	4.417	142	54298	15.158	ug/l #	90
11) Tert butyl alcohol	5.388	59	47916	63.026	ug/l	98
12) 1,1-Dichloroethene	4.175	96	45671	14.480	ug/l #	78
13) Acrolein	4.041	56	30612	49.449	ug/l	99
14) Allyl chloride	4.838	41	74485	11.010	ug/l #	95
15) Acrylonitrile	5.559	53	125862	62.292	ug/l	99
16) Acetone	4.293	43	102169	57.505	ug/l	91
17) Carbon Disulfide	4.524	76	123313	12.139	ug/l	99
18) Methyl Acetate	4.857	43	54826	11.027	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	174319	13.921	ug/l	98
20) Methylene Chloride	5.095	84	55211	12.961	ug/l	85
21) trans-1,2-Dichloroethene	5.600	96	50234	14.596	ug/l	88
22) Diisopropyl ether	6.501	45	161315	12.084	ug/l	96
23) Vinyl Acetate	6.436	43	680107	60.153	ug/l #	95
24) 1,1-Dichloroethane	6.388	63	96058	13.078	ug/l	99
25) 2-Butanone	7.343	43	163920	59.443	ug/l #	89
26) 2,2-Dichloropropane	7.324	77	86050	13.614	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	61548	15.127	ug/l	85
28) Bromochloromethane	7.657	49	44056	12.625	ug/l #	73
29) Tetrahydrofuran	7.691	42	109795	62.885	ug/l	89
30) Chloroform	7.820	83	104687	14.700	ug/l	97
31) Cyclohexane	8.094	56	92174	12.463	ug/l	85
32) 1,1,1-Trichloroethane	8.016	97	95539	15.835	ug/l	96
36) 1,1-Dichloropropene	8.223	75	77109	15.536	ug/l	95
37) Ethyl Acetate	7.418	43	69552	13.506	ug/l	97
38) Carbon Tetrachloride	8.206	117	81623	18.536	ug/l	99
39) Methylcyclohexane	9.462	83	94343	16.288	ug/l	90
40) Benzene	8.461	78	231406	15.760	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	35103	13.413	ug/l	91
42) 1,2-Dichloroethane	8.531	62	81193	15.364	ug/l	95
43) Isopropyl Acetate	8.566	43	122628	13.793	ug/l #	94
44) Trichloroethene	9.218	130	59733	19.635	ug/l	85
45) 1,2-Dichloropropane	9.494	63	56996	14.403	ug/l	98
46) Dibromomethane	9.580	93	41659	16.911	ug/l	96
47) Bromodichloromethane	9.765	83	81855	16.296	ug/l	98
48) Methyl methacrylate	9.564	41	49777	12.933	ug/l #	88
49) 1,4-Dioxane	9.572	88	21435	372.606	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	365598	70.302	ug/l	93
52) Toluene	10.508	92	151510	17.411	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	84748	15.258	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	93683	15.335	ug/l #	87
55) 1,1,2-Trichloroethane	10.902	97	59698	17.861	ug/l	96
56) Ethyl methacrylate	10.762	69	87924	14.976	ug/l #	85
57) 1,3-Dichloropropane	11.047	76	97132	15.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	80023	61.454	ug/l #	89
59) 2-Hexanone	11.090	43	250134	68.406	ug/l	90
60) Dibromochloromethane	11.240	129	61172	19.807	ug/l	100
61) 1,2-Dibromoethane	11.347	107	60006	18.274	ug/l	99
64) Tetrachloroethene	10.980	164	57070	20.079	ug/l	98
65) Chlorobenzene	11.773	112	164514	18.636	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	58471	19.594	ug/l	98
67) Ethyl Benzene	11.846	91	294166	16.610	ug/l	95
68) m/p-Xylenes	11.956	106	227904	37.076	ug/l	85
69) o-Xylene	12.283	106	112206	18.477	ug/l	87
70) Styrene	12.296	104	179203	18.074	ug/l	93
71) Bromoform	12.460	173	39254	19.556	ug/l #	100
73) Isopropylbenzene	12.581	105	289830	15.883	ug/l	97
74) N-amyl acetate	12.390	43	91028	10.847	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	82108	14.139	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	64794m	12.480	ug/l	
77) Bromobenzene	12.862	156	62503	18.053	ug/l	77
78) n-propylbenzene	12.924	91	324038	14.598	ug/l	94
79) 2-Chlorotoluene	13.010	91	194025	14.529	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	242046	16.214	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	22074	11.947	ug/l	92
82) 4-Chlorotoluene	13.106	91	190254	14.496	ug/l	92
83) tert-Butylbenzene	13.326	119	208423	17.430	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	234471	15.969	ug/l	93
85) sec-Butylbenzene	13.503	105	283701	16.062	ug/l	97
86) p-Isopropyltoluene	13.619	119	226826	16.986	ug/l	94
87) 1,3-Dichlorobenzene	13.619	146	115918	18.292	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	115187	18.256	ug/l	97
89) n-Butylbenzene	13.943	91	180464	13.945	ug/l	98
90) Hexachloroethane	14.214	117	39463	15.770	ug/l	95
91) 1,2-Dichlorobenzene	13.991	146	114505	18.641	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	14384	13.979	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	46626	17.053	ug/l	99
94) Hexachlorobutadiene	15.373	225	22583	16.416	ug/l	99
95) Naphthalene	15.509	128	136013	16.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	45144	17.851	ug/l	99

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

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