

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030921\
 Data File : VN066148.D
 Acq On : 9 Mar 2021 10:15
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 3/10/2021 1:44:16 PM

Quant Time: Mar 09 11:35:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 11:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	157548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	272079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	260532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	108727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	15864	6.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	12.50%#		
35) Dibromofluoromethane	7.515	113	9945	5.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	11.40%#		
50) Toluene-d8	10.030	98	36160	5.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.60%#		
62) 4-Bromofluorobenzene	12.348	95	12962	4.96	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.92%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	10515	5.23	ug/l	98
3) Chloromethane	2.019	50	18203	7.31	ug/l	95
4) Vinyl Chloride	2.151	62	13704	5.87	ug/l	93
5) Bromomethane	2.524	94	8711	5.64	ug/l	85
6) Chloroethane	2.658	64	7803	6.23	ug/l	93
7) Trichlorofluoromethane	2.971	101	16883	4.89	ug/l	88
8) Diethyl Ether	3.347	74	6608	6.21	ug/l	53
9) 1,1,2-Trichlorotrifluo...	3.682	101	7723	5.26	ug/l #	77
10) Methyl Iodide	3.878	142	6177	2.86	ug/l #	90
11) Tert butyl alcohol	4.712	59	12997	35.44	ug/l #	83
12) 1,1-Dichloroethene	3.666	96	8848	5.45	ug/l #	75
13) Acrolein	3.540	56	13717	48.39	ug/l	93
14) Allyl chloride	4.240	41	25154	8.56	ug/l #	91
15) Acrylonitrile	4.889	53	36649	43.17	ug/l #	92
16) Acetone	3.747	43	39568	47.10	ug/l #	88
17) Carbon Disulfide	3.972	76	25891	5.35	ug/l	97
18) Methyl Acetate	4.245	43	18908	9.72	ug/l #	69
19) Methyl tert-butyl Ether	4.959	73	37229	5.91	ug/l	96
20) Methylene Chloride	4.465	84	11524	5.92	ug/l #	79
21) trans-1,2-Dichloroethene	4.940	96	10398	6.00	ug/l	86
22) Diisopropyl ether	5.865	45	49143	8.35	ug/l #	90
23) Vinyl Acetate	5.806	43	217803	43.02	ug/l #	89
24) 1,1-Dichloroethane	5.750	63	24204	7.15	ug/l	94
25) 2-Butanone	6.753	43	60372	50.93	ug/l #	81
26) 2,2-Dichloropropane	6.734	77	20164	6.11	ug/l	93
27) cis-1,2-Dichloroethene	6.734	96	12948	6.26	ug/l	78
28) Bromochloromethane	7.107	49	13321	8.93	ug/l #	68
29) Tetrahydrofuran	7.134	42	41345	52.44	ug/l #	66
30) Chloroform	7.289	83	21702	6.05	ug/l	95
31) Cyclohexane	7.576	56	25133	7.99	ug/l #	74
32) 1,1,1-Trichloroethane	7.493	97	18678	5.70	ug/l	91
36) 1,1-Dichloropropene	7.713	75	16312	6.19	ug/l	91
37) Ethyl Acetate	6.847	43	22562	9.26	ug/l #	90
38) Carbon Tetrachloride	7.694	117	14472	4.99	ug/l #	95
39) Methylcyclohexane	9.014	83	16542	5.83	ug/l	88
40) Benzene	7.968	78	46580	5.94	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.091	41	10401	8.47	ug/l #	100
42) 1,2-Dichloroethane	8.054	62	19771	6.34	ug/l	92
43) Isopropyl Acetate	8.094	43	38050	8.59	ug/l #	84
44) Trichloroethene	8.770	130	11276	5.32	ug/l	91
45) 1,2-Dichloropropane	9.054	63	14373	7.00	ug/l	100
46) Dibromomethane	9.148	93	7530	5.95	ug/l	91
47) Bromodichloromethane	9.338	83	17143	5.86	ug/l	99
48) Methyl methacrylate	9.137	41	18542	8.66	ug/l #	74
49) 1,4-Dioxane	9.137	88	3550	110.98	ug/l #	61
51) 4-Methyl-2-Pentanone	9.923	43	118793	47.46	ug/l #	86
52) Toluene	10.092	92	26345	5.33	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	19614	5.77	ug/l	98
54) cis-1,3-Dichloropropene	9.778	75	21242	5.99	ug/l #	86
55) 1,1,2-Trichloroethane	10.505	97	10316	5.49	ug/l #	88
56) Ethyl methacrylate	10.371	69	17246	6.21	ug/l #	70
57) 1,3-Dichloropropane	10.647	76	21187	6.49	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.633	63	28438	26.76	ug/l #	85
59) 2-Hexanone	10.693	43	82391	47.93	ug/l	86
60) Dibromochloromethane	10.846	129	10627	4.99	ug/l	99
61) 1,2-Dibromoethane	10.948	107	10487	5.52	ug/l	99
64) Tetrachloroethene	10.572	164	11443	5.31	ug/l	97
65) Chlorobenzene	11.377	112	27295	5.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	9664	4.68	ug/l	92
67) Ethyl Benzene	11.454	91	50999	5.14	ug/l	96
68) m/p-Xylenes	11.564	106	36778	9.71	ug/l	94
69) o-Xylene	11.892	106	17492	4.72	ug/l	90
70) Styrene	11.910	104	28222	4.82	ug/l	95
71) Bromoform	12.071	173	7565	5.18	ug/l #	98
73) Isopropylbenzene	12.195	105	44806	5.08	ug/l	100
74) N-amyl acetate	12.020	43	18610	7.58	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.450	83	16360	6.67	ug/l #	97
76) 1,2,3-Trichloropropane	12.500	75	17783m	7.15	ug/l	
77) Bromobenzene	12.471	156	10293	5.06	ug/l	66
78) n-propylbenzene	12.535	91	52283	5.38	ug/l	96
79) 2-Chlorotoluene	12.618	91	32268	5.20	ug/l	97
80) 1,3,5-Trimethylbenzene	12.680	105	39086	5.02	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.248	75	4298	4.97	ug/l #	68
82) 4-Chlorotoluene	12.718	91	30435	4.75	ug/l	99
83) tert-Butylbenzene	12.938	119	32257	5.05	ug/l	95
84) 1,2,4-Trimethylbenzene	12.986	105	36182	4.75	ug/l	97
85) sec-Butylbenzene	13.115	105	42557	5.35	ug/l	99
86) p-Isopropyltoluene	13.235	119	36570	4.97	ug/l	96
87) 1,3-Dichlorobenzene	13.230	146	18654	5.24	ug/l	94
88) 1,4-Dichlorobenzene	13.308	146	19124	5.13	ug/l	90
89) n-Butylbenzene	13.560	91	33235	5.58	ug/l	98
90) Hexachloroethane	13.815	117	5182	4.63	ug/l	92
91) 1,2-Dichlorobenzene	13.600	146	18722	5.32	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.214	75	3990	5.31	ug/l	65
93) 1,2,4-Trichlorobenzene	14.850	180	9501	4.99	ug/l	95
94) Hexachlorobutadiene	14.949	225	5498	6.02	ug/l	95
95) Naphthalene	15.070	128	30912	4.98	ug/l	97
96) 1,2,3-Trichlorobenzene	15.249	180	10341	5.01	ug/l	99

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

