

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051421\
 Data File : VN067082.D
 Acq On : 14 May 2021 18:31
 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
 5/17/2021 4:26:15 PM

Quant Time: May 17 15:17:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 17 15:13:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.600	168	535142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	809431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	687262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	286141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	31289	5.41	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.82%#		
35) Dibromofluoromethane	7.522	113	28265	5.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.64%#		
50) Toluene-d8	10.038	98	107337	5.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.66%#		
62) 4-Bromofluorobenzene	12.363	95	31862	4.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.44%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.855	85	26228	5.39	ug/l	98
3) Chloromethane	2.056	50	31666	5.36	ug/l	99
4) Vinyl Chloride	2.182	62	32099	5.43	ug/l	99
5) Bromomethane	2.528	94	22744	5.55	ug/l	98
6) Chloroethane	2.678	64	17918	5.09	ug/l	95
7) Trichlorofluoromethane	2.989	101	41452	5.42	ug/l	99
8) Diethyl Ether	3.376	74	17148	5.27	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.708	101	25973	5.31	ug/l #	90
10) Methyl Iodide	3.898	142	37537	4.66	ug/l	99
11) Tert butyl alcohol	4.714	59	27856	28.91	ug/l #	91
12) 1,1-Dichloroethene	3.689	96	27215	5.41	ug/l	99
13) Acrolein	3.566	56	16059	45.18	ug/l	97
14) Allyl chloride	4.258	41	40969	5.35	ug/l	97
15) Acrylonitrile	4.912	53	55094	25.70	ug/l	98
16) Acetone	3.770	43	48479	26.98	ug/l	96
17) Carbon Disulfide	4.000	76	74262	5.51	ug/l	98
18) Methyl Acetate	4.269	43	27720	5.23	ug/l	96
19) Methyl tert-butyl Ether	4.969	73	82695	5.43	ug/l	99
20) Methylene Chloride	4.483	84	34707	5.36	ug/l	98
21) trans-1,2-Dichloroethene	4.963	96	28560	5.31	ug/l	99
22) Diisopropyl ether	5.875	45	79232	5.53	ug/l	91
23) Vinyl Acetate	5.819	43	335720	26.85	ug/l	99
24) 1,1-Dichloroethane	5.765	63	52544	5.42	ug/l	99
25) 2-Butanone	6.760	43	72839	26.05	ug/l	97
26) 2,2-Dichloropropane	6.741	77	49458	5.55	ug/l	99
27) cis-1,2-Dichloroethene	6.755	96	33589	5.23	ug/l	98
28) Bromochloromethane	7.120	49	21453	5.33	ug/l	98
29) Tetrahydrofuran	7.138	42	44913	25.81	ug/l	94
30) Chloroform	7.302	83	52772	5.32	ug/l	99
31) Cyclohexane	7.586	56	46758	5.87	ug/l #	82
32) 1,1,1-Trichloroethane	7.500	97	47861	5.36	ug/l	99
36) 1,1-Dichloropropene	7.726	75	40546	5.49	ug/l	98
37) Ethyl Acetate	6.859	43	34478	5.34	ug/l #	89
38) Carbon Tetrachloride	7.704	117	41666	5.30	ug/l	98
39) Methylcyclohexane	9.021	83	47184	5.46	ug/l	100
40) Benzene	7.978	78	121749	5.43	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.101	41	14007	5.32	ug/l #	93
42) 1,2-Dichloroethane	8.058	62	39813	5.52	ug/l	88
43) Isopropyl Acetate	8.104	43	56814	5.25	ug/l	94
44) Trichloroethene	8.777	130	33717	5.29	ug/l	94
45) 1,2-Dichloropropane	9.059	63	32464	5.54	ug/l	98
46) Dibromomethane	9.152	93	20848	5.33	ug/l	96
47) Bromodichloromethane	9.346	83	42659	5.26	ug/l	99
48) Methyl methacrylate	9.150	41	22681	4.95	ug/l	97
49) 1,4-Dioxane	9.152	88	7781	101.02	ug/l #	66
51) 4-Methyl-2-Pentanone	9.930	43	154351	25.95	ug/l	99
52) Toluene	10.102	92	78185	5.40	ug/l	97
53) t-1,3-Dichloropropene	10.333	75	44710	5.17	ug/l	97
54) cis-1,3-Dichloropropene	9.788	75	51199	5.27	ug/l	98
55) 1,1,2-Trichloroethane	10.512	97	29888	5.19	ug/l	98
56) Ethyl methacrylate	10.381	69	39745	5.18	ug/l	99
57) 1,3-Dichloropropane	10.654	76	49700	5.40	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.641	63	24922	22.28	ug/l	100
59) 2-Hexanone	10.711	43	66162	17.89	ug/l	94
60) Dibromochloromethane	10.850	129	35408	5.22	ug/l	99
61) 1,2-Dibromoethane	10.955	107	30371	5.23	ug/l	99
64) Tetrachloroethene	10.582	164	33847	5.61	ug/l	96
65) Chlorobenzene	11.384	112	81007	5.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.459	131	33125	5.45	ug/l	98
67) Ethyl Benzene	11.464	91	137089	5.31	ug/l	98
68) m/p-Xylenes	11.577	106	106506	10.68	ug/l	99
69) o-Xylene	11.904	106	53471	5.33	ug/l	98
70) Styrene	11.926	104	75358	4.82	ug/l	98
71) Bromoform	12.087	173	23725	5.03	ug/l #	98
73) Isopropylbenzene	12.205	105	140514	5.88	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.462	83	41096	5.68	ug/l	96
76) 1,2,3-Trichloropropane	12.513	75	33536m	5.64	ug/l	
77) Bromobenzene	12.486	156	33245	5.59	ug/l	94
78) n-propylbenzene	12.551	91	131842	5.45	ug/l	97
79) 2-Chlorotoluene	12.631	91	91285	6.25	ug/l	100
80) 1,3,5-Trimethylbenzene	12.690	105	112241	5.63	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.282	75	5570	3.25	ug/l #	84
82) 4-Chlorotoluene	12.736	91	77059	5.52	ug/l	98
83) tert-Butylbenzene	12.947	119	102257	5.43	ug/l	100
84) 1,2,4-Trimethylbenzene	12.998	105	102869	5.60	ug/l	99
85) sec-Butylbenzene	13.127	105	123406	5.49	ug/l	98
86) p-Isopropyltoluene	13.248	119	105120	5.39	ug/l	100
87) 1,3-Dichlorobenzene	13.242	146	49689	5.15	ug/l	98
88) 1,4-Dichlorobenzene	13.320	146	52547	5.23	ug/l	93
89) n-Butylbenzene	13.583	91	74414	5.23	ug/l	100
90) Hexachloroethane	13.827	117	20528	5.75	ug/l	97
91) 1,2-Dichlorobenzene	13.618	146	51243	5.25	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.248	75	5084	4.76	ug/l #	72
93) 1,2,4-Trichlorobenzene	14.884	180	21040	4.15	ug/l	99
94) Hexachlorobutadiene	14.964	225	19292	5.52	ug/l	99
95) Naphthalene	15.106	128	32716	3.23	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.281	180	19975	4.42	ug/l	97

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

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

