

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100621\
 Data File : VN068819.D
 Acq On : 6 Oct 2021 15:08
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100621

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:34:25 PM

Quant Time: Oct 07 06:01:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	481270	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	823624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	793269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	378572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	321770	45.49	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.98%		
35) Dibromofluoromethane	8.021	113	247580	45.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.52%		
50) Toluene-d8	10.443	98	998205	47.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.62%		
62) 4-Bromofluorobenzene	12.734	95	355636	45.11	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.22%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	182812	46.09	ug/l	97
3) Chloromethane	2.303	50	182202	46.59	ug/l	98
4) Vinyl Chloride	2.445	62	341568	43.90	ug/l	99
5) Bromomethane	2.842	94	326347	42.80	ug/l	99
6) Chloroethane	3.014	64	299705	45.67	ug/l	97
7) Trichlorofluoromethane	3.373	101	333345	48.06	ug/l	99
8) Diethyl Ether	3.827	74	111260	44.01	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.213	101	194291	45.33	ug/l	94
10) Methyl Iodide	4.425	142	210061	41.54	ug/l	# 90
11) Tert butyl alcohol	5.366	59	184114	218.99	ug/l	99
12) 1,1-Dichloroethene	4.186	96	162385	47.01	ug/l	83
13) Acrolein	4.044	56	96124	210.69	ug/l	100
14) Allyl chloride	4.846	41	271824	43.89	ug/l	# 88
15) Acrylonitrile	5.549	53	476539	216.53	ug/l	99
16) Acetone	4.283	43	489288	253.10	ug/l	94
17) Carbon Disulfide	4.535	76	315028	44.81	ug/l	99
18) Methyl Acetate	4.857	43	296292	42.37	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	700417	44.15	ug/l	100
20) Methylene Chloride	5.093	84	206676	45.00	ug/l	90
21) trans-1,2-Dichloroethene	5.599	96	181889	45.53	ug/l	86
22) Diisopropyl ether	6.495	45	677788	45.09	ug/l	# 93
23) Vinyl Acetate	6.434	43	2607294m	222.14	ug/l	
24) 1,1-Dichloroethane	6.391	63	384906	44.16	ug/l	99
25) 2-Butanone	7.332	43	714533	221.32	ug/l	93
26) 2,2-Dichloropropane	7.327	77	380470	45.59	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	249656	44.26	ug/l	85
28) Bromochloromethane	7.659	49	192345	40.61	ug/l	# 75
29) Tetrahydrofuran	7.683	42	429875	217.93	ug/l	89
30) Chloroform	7.820	83	459759	44.48	ug/l	97
31) Cyclohexane	8.099	56	304928	47.88	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	414246	45.03	ug/l	98
36) 1,1-Dichloropropene	8.222	75	300054	46.09	ug/l	96
37) Ethyl Acetate	7.412	43	280833	45.17	ug/l	99
38) Carbon Tetrachloride	8.206	117	358831	45.76	ug/l	98
39) Methylcyclohexane	9.461	83	340589	46.71	ug/l	89
40) Benzene	8.461	78	922682	45.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	135225	43.48	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	359321	44.47	ug/l	96
43) Isopropyl Acetate	8.560	43	518875	45.92	ug/l	96
44) Trichloroethene	9.217	130	238645	45.32	ug/l	85
45) 1,2-Dichloropropane	9.491	63	237693	45.08	ug/l	99
46) Dibromomethane	9.580	93	182165	44.44	ug/l	95
47) Bromodichloromethane	9.762	83	380055	46.15	ug/l	98
48) Methyl methacrylate	9.561	41	220140	45.60	ug/l #	82
49) 1,4-Dioxane	9.566	88	97136	924.71	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	1607293	223.41	ug/l	97
52) Toluene	10.507	92	632483	46.23	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	397945	47.27	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	399389	46.12	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	264020	46.26	ug/l	97
56) Ethyl methacrylate	10.762	69	385723	48.12	ug/l	94
57) 1,3-Dichloropropane	11.047	76	424272	46.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	522903	241.95	ug/l #	90
59) 2-Hexanone	11.087	43	1195408	230.38	ug/l	96
60) Dibromochloromethane	11.240	129	300050	46.89	ug/l	99
61) 1,2-Dibromoethane	11.347	107	267318	46.07	ug/l	100
64) Tetrachloroethene	10.980	164	211538	44.59	ug/l	95
65) Chlorobenzene	11.773	112	706485	45.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	284748	47.17	ug/l	98
67) Ethyl Benzene	11.846	91	1294007	46.88	ug/l	96
68) m/p-Xylenes	11.953	106	997734	95.07	ug/l	87
69) o-Xylene	12.283	106	500358	47.88	ug/l	86
70) Styrene	12.296	104	837327	48.11	ug/l	93
71) Bromoform	12.460	173	207316	46.75	ug/l #	100
73) Isopropylbenzene	12.581	105	1336496	44.69	ug/l	98
74) N-amyl acetate	12.390	43	457662	45.22	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	389374	43.21	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	318666m	42.70	ug/l	
77) Bromobenzene	12.862	156	304239	44.67	ug/l	73
78) n-propylbenzene	12.924	91	1571332	46.19	ug/l	96
79) 2-Chlorotoluene	13.010	91	908512	44.85	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1120159	45.27	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	118755	46.10	ug/l	94
82) 4-Chlorotoluene	13.106	91	914038	45.47	ug/l	92
83) tert-Butylbenzene	13.326	119	987986	45.21	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1113819	45.88	ug/l	95
85) sec-Butylbenzene	13.503	105	1438094	46.23	ug/l	97
86) p-Isopropyltoluene	13.619	119	1183637	47.01	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	580917	45.45	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	564726	44.78	ug/l	96
89) n-Butylbenzene	13.946	91	1009509	47.52	ug/l	98
90) Hexachloroethane	14.214	117	220856	45.37	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	560133	45.54	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	67518	43.86	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	262026	46.54	ug/l	97
94) Hexachlorobutadiene	15.373	225	144206	47.95	ug/l	99
95) Naphthalene	15.507	128	673847	44.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	248185	48.28	ug/l	97

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

