

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066877.D
 Acq On : 29 Apr 2021 21:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:21:01 AM

Quant Time: Apr 30 06:17:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	275783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	413509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	401539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	204927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	154593	43.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 87.26%			
35) Dibromofluoromethane	7.513	113	137846	54.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.00%			
50) Toluene-d8	10.029	98	531428	53.04	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.08%			
62) 4-Bromofluorobenzene	12.346	95	190684	56.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.50%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	140221	46.94	ug/l	98
3) Chloromethane	2.034	50	189902	48.41	ug/l	100
4) Vinyl Chloride	2.163	62	191573	50.00	ug/l	99
5) Bromomethane	2.506	94	121226	48.49	ug/l	97
6) Chloroethane	2.653	64	119291	50.01	ug/l	98
7) Trichlorofluoromethane	2.970	101	229216	49.75	ug/l	100
8) Diethyl Ether	3.356	74	90809	48.57	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.691	101	132458	48.59	ug/l	96
10) Methyl Iodide	3.884	142	213528	51.30	ug/l	98
11) Tert butyl alcohol	4.710	59	122431	224.07	ug/l	99
12) 1,1-Dichloroethene	3.673	96	133463	48.35	ug/l	98
13) Acrolein	3.547	56	111812	245.00	ug/l	96
14) Allyl chloride	4.247	41	219900	42.41	ug/l	92
15) Acrylonitrile	4.896	53	374658	258.59	ug/l	99
16) Acetone	3.756	43	273401	204.52	ug/l	95
17) Carbon Disulfide	3.984	76	394375	46.57	ug/l	98
18) Methyl Acetate	4.252	43	166242	46.19	ug/l	98
19) Methyl tert-butyl Ether	4.957	73	438492	46.39	ug/l	98
20) Methylene Chloride	4.469	84	167967	49.58	ug/l	95
21) trans-1,2-Dichloroethene	4.955	96	149130	50.23	ug/l	99
22) Diisopropyl ether	5.866	45	457674	44.25	ug/l	98
23) Vinyl Acetate	5.805	43	1892844	219.92	ug/l	98
24) 1,1-Dichloroethane	5.759	63	273761	47.78	ug/l	100
25) 2-Butanone	6.749	43	436756	232.39	ug/l	99
26) 2,2-Dichloropropane	6.735	77	186084	38.26	ug/l	98
27) cis-1,2-Dichloroethene	6.741	96	170087	49.53	ug/l	97
28) Bromochloromethane	7.111	49	118905	45.23	ug/l	97
29) Tetrahydrofuran	7.130	42	298775	232.67	ug/l	98
30) Chloroform	7.291	83	270685	48.67	ug/l	98
31) Cyclohexane	7.580	56	228461	41.70	ug/l	99
32) 1,1,1-Trichloroethane	7.492	97	228152	48.00	ug/l	99
36) 1,1-Dichloropropene	7.717	75	194461	50.61	ug/l	98
37) Ethyl Acetate	6.845	43	190274	46.62	ug/l	98
38) Carbon Tetrachloride	7.698	117	202418	54.94	ug/l	97
39) Methylcyclohexane	9.015	83	229582	50.50	ug/l	98
40) Benzene	7.969	78	641354	53.77	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.089	41	75864	40.88	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	195881	48.62	ug/l	96
43) Isopropyl Acetate	8.095	43	301013	46.42	ug/l	93
44) Trichloroethene	8.771	130	163262	56.27	ug/l	94
45) 1,2-Dichloropropane	9.053	63	170408	53.53	ug/l	100
46) Dibromomethane	9.144	93	108338	55.71	ug/l	95
47) Bromodichloromethane	9.340	83	219965	53.98	ug/l	99
48) Methyl methacrylate	9.138	41	139105	49.19	ug/l	94
49) 1,4-Dioxane	9.136	88	53594	1266.38	ug/l	95
51) 4-Methyl-2-Pentanone	9.922	43	926437	262.88	ug/l	97
52) Toluene	10.093	92	402524	56.11	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	225561	51.73	ug/l	98
54) cis-1,3-Dichloropropene	9.779	75	254532	52.10	ug/l	94
55) 1,1,2-Trichloroethane	10.504	97	162036	58.80	ug/l	98
56) Ethyl methacrylate	10.372	69	214573	47.27	ug/l	93
57) 1,3-Dichloropropane	10.648	76	262318	55.63	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.635	63	225248	244.07	ug/l	100
59) 2-Hexanone	10.694	43	619772	225.55	ug/l	95
60) Dibromochloromethane	10.844	129	183224	61.04	ug/l	100
61) 1,2-Dibromoethane	10.946	107	164777	59.60	ug/l	100
64) Tetrachloroethene	10.573	164	144043	54.25	ug/l	98
65) Chlorobenzene	11.375	112	430850	53.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	167619	55.64	ug/l	100
67) Ethyl Benzene	11.456	91	733936	51.82	ug/l	99
68) m/p-Xylenes	11.566	106	579019	111.43	ug/l	98
69) o-Xylene	11.893	106	276484	53.29	ug/l	99
70) Styrene	11.909	104	457181	48.71	ug/l	99
71) Bromoform	12.073	173	136383	62.53	ug/l #	98
73) Isopropylbenzene	12.196	105	730266	48.61	ug/l	98
74) N-amyl acetate	12.024	43	119241	33.61	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.448	83	250319	50.64	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	175604m	40.66	ug/l	
77) Bromobenzene	12.469	156	196848	53.12	ug/l	98
78) n-propylbenzene	12.536	91	822297	49.63	ug/l	99
79) 2-Chlorotoluene	12.620	91	505142	47.93	ug/l	98
80) 1,3,5-Trimethylbenzene	12.679	105	630418	49.71	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.247	75	57821	39.22	ug/l	95
82) 4-Chlorotoluene	12.719	91	512461	50.39	ug/l	100
83) tert-Butylbenzene	12.939	119	537465	49.47	ug/l	96
84) 1,2,4-Trimethylbenzene	12.984	105	605017	50.65	ug/l	96
85) sec-Butylbenzene	13.116	105	699260	49.63	ug/l	99
86) p-Isopropyltoluene	13.234	119	614120	50.77	ug/l	98
87) 1,3-Dichlorobenzene	13.228	146	331345	52.59	ug/l	99
88) 1,4-Dichlorobenzene	13.309	146	331598	49.51	ug/l	99
89) n-Butylbenzene	13.561	91	455921	44.23	ug/l	99
90) Hexachloroethane	13.816	117	129620	51.21	ug/l	86
91) 1,2-Dichlorobenzene	13.599	146	335754	52.57	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	38951	43.95	ug/l	95
93) 1,2,4-Trichlorobenzene	14.854	180	183199	51.79	ug/l	97
94) Hexachlorobutadiene	14.950	225	100546	51.25	ug/l	99
95) Naphthalene	15.074	128	455116	50.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	180436	52.76	ug/l	98

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

