

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066816.D
 Acq On : 28 Apr 2021 16:42
 Operator : JC/MD
 Sample : M2138-14MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-15DMS

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:52:13 PM

Quant Time: Apr 29 04:30:25 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	244636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	435157	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	405514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	194826	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	163808	52.12	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.24%			
35) Dibromofluoromethane	7.513	113	144936	53.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.92%			
50) Toluene-d8	10.029	98	538993	51.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.24%			
62) 4-Bromofluorobenzene	12.346	95	184879	51.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.64%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.835	85	136101	51.36	ug/l	99
3) Chloromethane	2.034	50	208695	59.97	ug/l	100
4) Vinyl Chloride	2.163	62	195293	57.46	ug/l	99
5) Bromomethane	2.506	94	106044	47.82	ug/l	98
6) Chloroethane	2.653	64	116374	55.00	ug/l	100
7) Trichlorofluoromethane	2.970	101	220310	53.90	ug/l	99
8) Diethyl Ether	3.356	74	98875	59.62	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.691	101	115664	47.83	ug/l	98
10) Methyl Iodide	3.885	142	214144	58.00	ug/l	97
11) Tert butyl alcohol	4.713	59	144451	298.03	ug/l	99
12) 1,1-Dichloroethene	3.670	96	135340	55.27	ug/l	98
13) Acrolein	3.547	56	61719	152.45	ug/l	99
14) Allyl chloride	4.247	41	185907	40.42	ug/l	90
15) Acrylonitrile	4.896	53	411773	320.39	ug/l	98
16) Acetone	3.753	43	323352	272.68	ug/l	99
17) Carbon Disulfide	3.981	76	366161	48.74	ug/l	98
18) Methyl Acetate	4.255	43	51239	16.78	ug/l	97
19) Methyl tert-butyl Ether	4.957	73	488158	58.22	ug/l	98
20) Methylene Chloride	4.472	84	176527	58.74	ug/l	97
21) trans-1,2-Dichloroethene	4.952	96	146033	55.45	ug/l	97
22) Diisopropyl ether	5.866	45	505698	55.12	ug/l	91
23) Vinyl Acetate	5.810	43	258938	33.92	ug/l	99
24) 1,1-Dichloroethane	5.759	63	294188	57.88	ug/l	99
25) 2-Butanone	6.749	43	493823	296.20	ug/l	98
26) 2,2-Dichloropropane	6.735	77	19266	4.47	ug/l #	38
27) cis-1,2-Dichloroethene	6.741	96	180255	59.17	ug/l	91
28) Bromochloromethane	7.114	49	127696	54.76	ug/l	98
29) Tetrahydrofuran	7.130	42	338056	296.78	ug/l	100
30) Chloroform	7.293	83	289011	58.58	ug/l	99
31) Cyclohexane	7.580	56	228493	47.01	ug/l	97
32) 1,1,1-Trichloroethane	7.492	97	234670	55.65	ug/l	99
36) 1,1-Dichloropropene	7.717	75	192097	47.51	ug/l	99
37) Ethyl Acetate	6.845	43	71309m	16.60	ug/l	
38) Carbon Tetrachloride	7.698	117	196352	50.64	ug/l	99
39) Methylcyclohexane	9.015	83	193894	40.53	ug/l	98
40) Benzene	7.972	78	680279	54.20	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	72785	37.27	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	210111	49.55	ug/l	98
43) Isopropyl Acetate	8.095	43	156426	22.92	ug/l #	91
44) Trichloroethene	8.768	130	160238	52.48	ug/l	99
45) 1,2-Dichloropropane	9.053	63	183313	54.72	ug/l	99
46) Dibromomethane	9.144	93	113354	55.39	ug/l	97
47) Bromodichloromethane	9.340	83	228357	53.26	ug/l	98
48) Methyl methacrylate	9.138	41	153304	51.51	ug/l	95
49) 1,4-Dioxane	9.136	88	59966	1346.46	ug/l	94
51) 4-Methyl-2-Pentanone	9.922	43	1037661	279.79	ug/l	99
52) Toluene	10.093	92	405854	53.76	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	161236	35.14	ug/l	98
54) cis-1,3-Dichloropropene	9.779	75	176277	34.29	ug/l	95
55) 1,1,2-Trichloroethane	10.504	97	168579	58.13	ug/l	97
56) Ethyl methacrylate	10.372	69	228564	47.80	ug/l	96
57) 1,3-Dichloropropane	10.648	76	279309	56.29	ug/l	100
59) 2-Hexanone	10.694	43	682781	235.20	ug/l	97
60) Dibromochloromethane	10.844	129	186124	58.92	ug/l	100
61) 1,2-Dibromoethane	10.946	107	170804	58.71	ug/l	100
64) Tetrachloroethene	10.573	164	266552	99.41	ug/l	98
65) Chlorobenzene	11.375	112	428295	52.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	169372	55.67	ug/l	99
67) Ethyl Benzene	11.456	91	737228	51.54	ug/l	100
68) m/p-Xylenes	11.566	106	560954	106.90	ug/l	100
69) o-Xylene	11.893	106	282781	53.97	ug/l	99
70) Styrene	11.909	104	424363	45.01	ug/l	100
71) Bromoform	12.073	173	136641	62.03	ug/l #	99
73) Isopropylbenzene	12.193	105	707982	49.57	ug/l	100
74) N-amyl acetate	12.056	43	4291	1.27	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.448	83	259745	55.27	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	170081m	41.42	ug/l	
77) Bromobenzene	12.469	156	193775	55.00	ug/l	97
78) n-propylbenzene	12.537	91	760307	48.27	ug/l	100
79) 2-Chlorotoluene	12.620	91	498877	49.79	ug/l	100
80) 1,3,5-Trimethylbenzene	12.679	105	595924	49.42	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.252	75	24209	21.28	ug/l	93
82) 4-Chlorotoluene	12.719	91	479375	49.58	ug/l	100
83) tert-Butylbenzene	12.939	119	526121	50.94	ug/l	97
84) 1,2,4-Trimethylbenzene	12.984	105	592061	52.14	ug/l	98
85) sec-Butylbenzene	13.116	105	645522	48.19	ug/l	99
86) p-Isopropyltoluene	13.234	119	541571	47.10	ug/l	98
87) 1,3-Dichlorobenzene	13.228	146	308803	51.55	ug/l	100
88) 1,4-Dichlorobenzene	13.309	146	319157	50.13	ug/l	98
89) n-Butylbenzene	13.561	91	366385	37.39	ug/l	99
90) Hexachloroethane	13.816	117	127082	52.81	ug/l	88
91) 1,2-Dichlorobenzene	13.599	146	323244	53.23	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	40390	47.94	ug/l	96
93) 1,2,4-Trichlorobenzene	14.854	180	164558	48.93	ug/l	99
94) Hexachlorobutadiene	14.950	225	70463	37.78	ug/l	98
95) Naphthalene	15.074	128	457179	52.84	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	166772	51.29	ug/l	98

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

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