

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066900.D
 Acq On : 30 Apr 2021 7:17
 Operator : JC/MD
 Sample : M2137-19MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-1S(OFFSITE)MSD

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:21:37 AM

Quant Time: Apr 30 08:59:30 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	280417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	432576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	408465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	200386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	153815	42.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.38%			
35) Dibromofluoromethane	7.513	113	140025	52.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.88%			
50) Toluene-d8	10.029	98	539000	51.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.86%			
62) 4-Bromofluorobenzene	12.346	95	189557	53.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.90%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.838	85	135409	44.58	ug/l	98
3) Chloromethane	2.037	50	197624	49.54	ug/l	99
4) Vinyl Chloride	2.163	62	203313	52.19	ug/l	100
5) Bromomethane	2.519	94	128094	50.39	ug/l	98
6) Chloroethane	2.661	64	120538	49.70	ug/l	100
7) Trichlorofluoromethane	2.973	101	229748	49.04	ug/l	99
8) Diethyl Ether	3.359	74	93053	48.95	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.697	101	127208	45.89	ug/l	95
10) Methyl Iodide	3.887	142	214650	50.72	ug/l	96
11) Tert butyl alcohol	4.702	59	117571	211.62	ug/l	99
12) 1,1-Dichloroethene	3.675	96	136188	48.52	ug/l	98
13) Acrolein	3.547	56	102100	220.02	ug/l	99
14) Allyl chloride	4.249	41	210304	39.89	ug/l	93
15) Acrylonitrile	4.896	53	364833	247.65	ug/l	98
16) Acetone	3.753	43	278252	204.71	ug/l	95
17) Carbon Disulfide	3.986	76	393997	45.76	ug/l	99
18) Methyl Acetate	4.252	43	126068	34.73	ug/l	97
19) Methyl tert-butyl Ether	4.957	73	446390	46.45	ug/l	98
20) Methylene Chloride	4.472	84	167412	48.60	ug/l	96
21) trans-1,2-Dichloroethene	4.955	96	150001	49.69	ug/l	98
22) Diisopropyl ether	5.866	45	455310	43.30	ug/l	98
23) Vinyl Acetate	5.807	43	1406000	160.66	ug/l	98
24) 1,1-Dichloroethane	5.759	63	274497	47.12	ug/l	99
25) 2-Butanone	6.746	43	419053	219.28	ug/l	99
26) 2,2-Dichloropropane	6.735	77	131497	26.59	ug/l	94
27) cis-1,2-Dichloroethene	6.743	96	174318	49.92	ug/l	94
28) Bromochloromethane	7.111	49	118864	44.47	ug/l	96
29) Tetrahydrofuran	7.130	42	287660	220.31	ug/l	96
30) Chloroform	7.291	83	271946	48.09	ug/l	100
31) Cyclohexane	7.578	56	228276	40.98	ug/l	99
32) 1,1,1-Trichloroethane	7.492	97	229852	47.56	ug/l	99
36) 1,1-Dichloropropene	7.717	75	195178	48.56	ug/l	98
37) Ethyl Acetate	6.845	43	151472	35.48	ug/l	99
38) Carbon Tetrachloride	7.698	117	199310	51.71	ug/l	99
39) Methylcyclohexane	9.015	83	222542	46.79	ug/l	98
40) Benzene	7.966	78	651609	52.22	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	82606	42.55	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	194583	46.17	ug/l	96
43) Isopropyl Acetate	8.092	43	260001	38.33	ug/l	95
44) Trichloroethene	8.771	130	166877	54.98	ug/l	95
45) 1,2-Dichloropropane	9.053	63	171096	51.37	ug/l	99
46) Dibromomethane	9.144	93	108657	53.41	ug/l	96
47) Bromodichloromethane	9.340	83	220960	51.84	ug/l	99
48) Methyl methacrylate	9.136	41	134628	45.51	ug/l	91
49) 1,4-Dioxane	9.136	88	50086	1131.33	ug/l	98
51) 4-Methyl-2-Pentanone	9.922	43	889355	241.24	ug/l	97
52) Toluene	10.093	92	406454	54.16	ug/l	97
53) t-1,3-Dichloropropene	10.324	75	217240	47.62	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	239172	46.80	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	162961	56.53	ug/l	99
56) Ethyl methacrylate	10.372	69	217290	45.86	ug/l	92
57) 1,3-Dichloropropane	10.646	76	263183	53.36	ug/l	99
59) 2-Hexanone	10.691	43	592870	207.92	ug/l	95
60) Dibromochloromethane	10.844	129	183342	58.39	ug/l	99
61) 1,2-Dibromoethane	10.946	107	164448	56.86	ug/l	100
64) Tetrachloroethene	10.573	164	145373	53.82	ug/l	96
65) Chlorobenzene	11.375	112	438547	53.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	168497	54.98	ug/l	100
67) Ethyl Benzene	11.453	91	745706	51.76	ug/l	100
68) m/p-Xylenes	11.563	106	578977	109.53	ug/l	99
69) o-Xylene	11.890	106	283777	53.76	ug/l	97
70) Styrene	11.909	104	459015	48.11	ug/l	99
71) Bromoform	12.073	173	134569	60.65	ug/l #	99
73) Isopropylbenzene	12.193	105	739828	50.36	ug/l	99
74) N-amyl acetate	12.024	43	93954	27.08	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.448	83	244262	50.54	ug/l	100
76) 1,2,3-Trichloropropane	12.496	75	191646m	45.38	ug/l	
77) Bromobenzene	12.469	156	197232	54.43	ug/l	96
78) n-propylbenzene	12.534	91	824429	50.89	ug/l	99
79) 2-Chlorotoluene	12.617	91	507170	49.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	618368	49.86	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.247	75	55845	38.82	ug/l	91
82) 4-Chlorotoluene	12.716	91	507003	50.99	ug/l	99
83) tert-Butylbenzene	12.936	119	546423	51.44	ug/l	96
84) 1,2,4-Trimethylbenzene	12.984	105	607819	52.04	ug/l	95
85) sec-Butylbenzene	13.116	105	694875	50.43	ug/l	99
86) p-Isopropyltoluene	13.234	119	618403	52.29	ug/l	98
87) 1,3-Dichlorobenzene	13.226	146	329401	53.47	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	340267	51.96	ug/l	99
89) n-Butylbenzene	13.558	91	465298	46.16	ug/l	99
90) Hexachloroethane	13.816	117	125709	50.79	ug/l	86
91) 1,2-Dichlorobenzene	13.596	146	333166	53.35	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	39748	45.87	ug/l	93
93) 1,2,4-Trichlorobenzene	14.851	180	192524	55.66	ug/l	97
94) Hexachlorobutadiene	14.948	225	93676	48.83	ug/l	99
95) Naphthalene	15.071	128	509227	57.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	192300	57.50	ug/l	99

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

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