

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022521\
 Data File : VN066040.D
 Acq On : 25 Feb 2021 20:28
 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
 2/26/2021 11:47:38 AM

Quant Time: Feb 26 01:25:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.627	168	93942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	162386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	149592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	69498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	69310	52.76	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.52%			
35) Dibromofluoromethane	7.553	113	49665	49.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.84%			
50) Toluene-d8	10.058	98	194340	47.11	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.22%			
62) 4-Bromofluorobenzene	12.373	95	75791	48.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.88%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.853	85	57731	46.94	ug/l	98
3) Chloromethane	2.055	50	63221	41.02	ug/l	100
4) Vinyl Chloride	2.184	62	65891	43.40	ug/l	99
5) Bromomethane	2.541	94	42684	45.90	ug/l	98
6) Chloroethane	2.685	64	36768	42.93	ug/l	99
7) Trichlorofluoromethane	3.004	101	100414	53.12	ug/l	99
8) Diethyl Ether	3.393	74	32183	46.39	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.734	101	45510	45.52	ug/l	99
10) Methyl Iodide	3.926	142	68611	43.94	ug/l	93
11) Tert butyl alcohol	4.746	59	50373	275.77	ug/l	100
12) 1,1-Dichloroethene	3.711	96	48583	46.05	ug/l	94
13) Acrolein	3.582	56	39849	238.38	ug/l	97
14) Allyl chloride	4.293	41	80098	44.47	ug/l	98
15) Acrylonitrile	4.946	53	121038	238.96	ug/l	96
16) Acetone	3.788	43	98120	237.69	ug/l	97
17) Carbon Disulfide	4.026	76	135866	45.21	ug/l	98
18) Methyl Acetate	4.290	43	51546	47.49	ug/l	98
19) Methyl tert-butyl Ether	5.004	73	174915	51.53	ug/l	100
20) Methylene Chloride	4.518	84	55742	45.76	ug/l	99
21) trans-1,2-Dichloroethene	5.004	96	53081	47.87	ug/l	91
22) Diisopropyl ether	5.910	45	160318	44.50	ug/l	98
23) Vinyl Acetate	5.852	43	666054	235.68	ug/l	100
24) 1,1-Dichloroethane	5.807	63	98949	47.53	ug/l	99
25) 2-Butanone	6.791	43	146992	226.04	ug/l	100
26) 2,2-Dichloropropane	6.782	77	79465	48.67	ug/l	98
27) cis-1,2-Dichloroethene	6.788	96	63362	50.16	ug/l	99
28) Bromochloromethane	7.155	49	39701	41.38	ug/l	98
29) Tetrahydrofuran	7.171	42	96635	215.85	ug/l	95
30) Chloroform	7.331	83	105377	51.24	ug/l	100
31) Cyclohexane	7.618	56	81949	41.84	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	97451	56.50	ug/l	99
36) 1,1-Dichloropropene	7.756	75	77499	48.40	ug/l	99
37) Ethyl Acetate	6.885	43	63398	43.85	ug/l	97
38) Carbon Tetrachloride	7.737	117	84016	56.46	ug/l	99
39) Methylcyclohexane	9.045	83	78231	43.48	ug/l	94
40) Benzene	8.007	78	227863	46.38	ug/l	99

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41) Methacrylonitrile	7.129	41	33166	47.38	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	87554	54.23	ug/l	97
43) Isopropyl Acetate	8.126	43	112684	48.90	ug/l	98
44) Trichloroethene	8.801	130	62852	51.73	ug/l	98
45) 1,2-Dichloropropane	9.084	63	56590	44.98	ug/l	95
46) Dibromomethane	9.174	93	39872	52.03	ug/l	92
47) Bromodichloromethane	9.370	83	86215	55.26	ug/l	99
48) Methyl methacrylate	9.164	41	54190	46.41	ug/l	97
49) 1,4-Dioxane	9.167	88	19458	978.10	ug/l	94
51) 4-Methyl-2-Pentanone	9.949	43	319614	227.94	ug/l	100
52) Toluene	10.122	92	146316	48.50	ug/l	95
53) t-1,3-Dichloropropene	10.351	75	95027	49.27	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	98776	51.06	ug/l	97
55) 1,1,2-Trichloroethane	10.531	97	55937	49.54	ug/l	98
56) Ethyl methacrylate	10.399	69	82960	48.86	ug/l	99
57) 1,3-Dichloropropane	10.675	76	96504	48.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	170456	210.30	ug/l	98
59) 2-Hexanone	10.720	43	223931	224.20	ug/l	99
60) Dibromochloromethane	10.871	129	63454	54.98	ug/l	99
61) 1,2-Dibromoethane	10.974	107	57061	49.75	ug/l	98
64) Tetrachloroethene	10.601	164	63429	54.92	ug/l	97
65) Chlorobenzene	11.402	112	154935	49.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	59510	55.39	ug/l	97
67) Ethyl Benzene	11.482	91	282257	49.85	ug/l	98
68) m/p-Xylenes	11.592	106	215204	101.86	ug/l	97
69) o-Xylene	11.916	106	104856	51.47	ug/l	96
70) Styrene	11.936	104	175027	52.19	ug/l	96
71) Bromoform	12.100	173	41983	51.19	ug/l #	98
73) Isopropylbenzene	12.219	105	272863	48.11	ug/l	100
74) N-amyl acetate	12.042	43	88296	44.87	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.476	83	76056	45.45	ug/l	100
76) 1,2,3-Trichloropropane	12.524	75	77237m	46.26	ug/l	
77) Bromobenzene	12.495	156	65227	50.26	ug/l	89
78) n-propylbenzene	12.563	91	299567	46.44	ug/l	99
79) 2-Chlorotoluene	12.646	91	191978	47.49	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	235622	48.90	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	25670	49.00	ug/l	99
82) 4-Chlorotoluene	12.743	91	197922	48.48	ug/l	97
83) tert-Butylbenzene	12.965	119	195193	49.03	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	234864	48.55	ug/l	99
85) sec-Butylbenzene	13.142	105	242613	46.93	ug/l	100
86) p-Isopropyltoluene	13.260	119	228022	48.59	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	114046	49.65	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	116133	49.49	ug/l	97
89) n-Butylbenzene	13.585	91	185524	46.89	ug/l	99
90) Hexachloroethane	13.846	117	34451	43.36	ug/l	99
91) 1,2-Dichlorobenzene	13.624	146	114505	49.71	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	19428	58.75	ug/l	78
93) 1,2,4-Trichlorobenzene	14.878	180	64348	51.68	ug/l	99
94) Hexachlorobutadiene	14.977	225	25562	47.81	ug/l	98
95) Naphthalene	15.100	128	204517	50.69	ug/l	100
96) 1,2,3-Trichlorobenzene	15.280	180	63544	51.14	ug/l	97

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

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