

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065399.D
 Acq On : 6 Jan 2021 14:47
 Operator : JC/MD
 Sample : VN0106WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/7/2021 4:32:05 PM

Quant Time: Jan 07 01:27:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	319379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	469152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	433441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	203909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	164382	45.59	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 91.18%			
35) Dibromofluoromethane	7.550	113	146558	51.78	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.56%			
50) Toluene-d8	10.058	98	544889	51.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.72%			
62) 4-Bromofluorobenzene	12.373	95	194747	46.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.56%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.846	85	47298	16.01	ug/l	99
3) Chloromethane	2.055	50	58724	17.46	ug/l	99
4) Vinyl Chloride	2.181	62	63191	18.06	ug/l	98
5) Bromomethane	2.537	94	46071	18.52	ug/l	98
6) Chloroethane	2.685	64	41027	18.14	ug/l	98
7) Trichlorofluoromethane	3.000	101	89121	17.02	ug/l	98
8) Diethyl Ether	3.386	74	35783	17.36	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.724	101	53012	18.06	ug/l	97
10) Methyl Iodide	3.914	142	75446	17.01	ug/l	93
11) Tert butyl alcohol	4.775	59	43198	73.22	ug/l	99
12) 1,1-Dichloroethene	3.701	96	53135	16.94	ug/l	99
13) Acrolein	3.576	56	30899	79.11	ug/l	100
14) Allyl chloride	4.280	41	82894	16.03	ug/l	99
15) Acrylonitrile	4.946	53	126785	88.93	ug/l	99
16) Acetone	3.788	43	106183	62.09	ug/l	95
17) Carbon Disulfide	4.010	76	122915	15.31	ug/l	99
18) Methyl Acetate	4.293	43	59683	18.44	ug/l	97
19) Methyl tert-butyl Ether	5.007	73	167389	16.80	ug/l	98
20) Methylene Chloride	4.508	84	60758	17.27	ug/l	97
21) trans-1,2-Dichloroethene	4.994	96	54524	17.70	ug/l	99
22) Diisopropyl ether	5.914	45	176444	17.14	ug/l	95
23) Vinyl Acetate	5.852	43	705279	81.30	ug/l	99
24) 1,1-Dichloroethane	5.804	63	102027	18.07	ug/l	99
25) 2-Butanone	6.798	43	159964	79.03	ug/l	96
26) 2,2-Dichloropropane	6.778	77	83185	15.42	ug/l	100
27) cis-1,2-Dichloroethene	6.785	96	65007	18.14	ug/l	99
28) Bromochloromethane	7.155	49	42131	16.84	ug/l	95
29) Tetrahydrofuran	7.177	42	107395	82.05	ug/l	99
30) Chloroform	7.332	83	104765	18.02	ug/l	99
31) Cyclohexane	7.614	56	88246	16.58	ug/l	94
32) 1,1,1-Trichloroethane	7.531	97	88913	16.88	ug/l	99
36) 1,1-Dichloropropene	7.753	75	77926	18.27	ug/l	98
37) Ethyl Acetate	6.891	43	70516	16.68	ug/l	98
38) Carbon Tetrachloride	7.733	117	77870	17.38	ug/l	96
39) Methylcyclohexane	9.045	83	88862	17.34	ug/l	99
40) Benzene	8.003	78	237481	18.71	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	35236m	16.02	ug/l	
42) 1,2-Dichloroethane	8.090	62	81704	17.42	ug/l	99
43) Isopropyl Acetate	8.129	43	117291	16.09	ug/l	99
44) Trichloroethene	8.801	130	68999	18.84	ug/l	95
45) 1,2-Dichloropropane	9.084	63	63301	19.19	ug/l	100
46) Dibromomethane	9.174	93	40992	18.30	ug/l	92
47) Bromodichloromethane	9.370	83	82103	17.38	ug/l	99
48) Methyl methacrylate	9.167	41	57801	16.34	ug/l	99
49) 1,4-Dioxane	9.171	88	19880	346.75	ug/l	97
51) 4-Methyl-2-Pentanone	9.952	43	348016	84.94	ug/l	99
52) Toluene	10.122	92	151340	18.92	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	88212	16.57	ug/l	98
54) cis-1,3-Dichloropropene	9.807	75	96502	17.06	ug/l	98
55) 1,1,2-Trichloroethane	10.534	97	60813	19.21	ug/l	96
56) Ethyl methacrylate	10.399	69	84075	17.15	ug/l	99
57) 1,3-Dichloropropane	10.679	76	100136	19.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	175347	82.24	ug/l	99
59) 2-Hexanone	10.724	43	246378	81.80	ug/l	99
60) Dibromochloromethane	10.872	129	65343	17.32	ug/l	98
61) 1,2-Dibromoethane	10.978	107	63094	18.57	ug/l	100
64) Tetrachloroethene	10.601	164	81140	19.28	ug/l	94
65) Chlorobenzene	11.405	112	166632	18.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	64161	18.69	ug/l	99
67) Ethyl Benzene	11.482	91	285769	17.98	ug/l	99
68) m/p-Xylenes	11.592	106	219076	36.58	ug/l	99
69) o-Xylene	11.920	106	107901	18.56	ug/l	99
70) Styrene	11.936	104	179237	18.48	ug/l	99
71) Bromoform	12.100	173	49183	16.64	ug/l #	98
73) Isopropylbenzene	12.222	105	285755	18.40	ug/l	99
74) N-amyl acetate	12.045	43	97061	15.70	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.479	83	78422	18.73	ug/l	100
76) 1,2,3-Trichloropropane	12.527	75	76776m	18.46	ug/l	
77) Bromobenzene	12.498	156	77375	19.06	ug/l	90
78) n-propylbenzene	12.563	91	315438	17.99	ug/l	98
79) 2-Chlorotoluene	12.646	91	190775	18.48	ug/l	97
80) 1,3,5-Trimethylbenzene	12.707	105	242827	18.34	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	25858	15.67	ug/l	91
82) 4-Chlorotoluene	12.746	91	193072	18.16	ug/l	97
83) tert-Butylbenzene	12.968	119	210122	18.62	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	241806	18.75	ug/l	100
85) sec-Butylbenzene	13.145	105	269705	18.02	ug/l	99
86) p-Isopropyltoluene	13.264	119	247121	18.01	ug/l	98
87) 1,3-Dichlorobenzene	13.257	146	128532	18.94	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	126274	18.53	ug/l	98
89) n-Butylbenzene	13.588	91	200073	17.06	ug/l	99
90) Hexachloroethane	13.849	117	39273	16.65	ug/l	82
91) 1,2-Dichlorobenzene	13.627	146	127818	19.61	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	13478	15.62	ug/l	89
93) 1,2,4-Trichlorobenzene	14.881	180	58149	16.42	ug/l	98
94) Hexachlorobutadiene	14.981	225	44641	17.35	ug/l	98
95) Naphthalene	15.103	128	137297	15.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	55927	17.20	ug/l	98

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

