

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065440.D
 Acq On : 8 Jan 2021 13:45
 Operator : JC/MD
 Sample : VN0108WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0108WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2021 6:20:59 PM

Quant Time: Jan 08 22:45:40 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	348561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	506208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	456879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	216094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	184552	46.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.80%		
35) Dibromofluoromethane	7.553	113	158006	51.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.48%		
50) Toluene-d8	10.058	98	576824	50.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.78%		
62) 4-Bromofluorobenzene	12.376	95	209909	46.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.48%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	50237	15.58	ug/l	98
3) Chloromethane	2.055	50	57694	15.72	ug/l	99
4) Vinyl Chloride	2.180	62	62902	16.47	ug/l	99
5) Bromomethane	2.537	94	48661	17.93	ug/l	97
6) Chloroethane	2.685	64	42226	17.11	ug/l	97
7) Trichlorofluoromethane	3.000	101	99590	17.43	ug/l	98
8) Diethyl Ether	3.386	74	38045	16.91	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.724	101	56270	17.56	ug/l	96
10) Methyl Iodide	3.914	142	83349	17.22	ug/l	94
11) Tert butyl alcohol	4.775	59	51624	80.18	ug/l	99
12) 1,1-Dichloroethene	3.701	96	56723	16.57	ug/l	94
13) Acrolein	3.576	56	35312	82.72	ug/l	100
14) Allyl chloride	4.280	41	86806	15.38	ug/l	93
15) Acrylonitrile	4.949	53	133239	85.63	ug/l	99
16) Acetone	3.791	43	125650	68.27	ug/l	98
17) Carbon Disulfide	4.010	76	119940	13.69	ug/l	100
18) Methyl Acetate	4.293	43	65044	18.41	ug/l	97
19) Methyl tert-butyl Ether	5.007	73	184048	16.93	ug/l	99
20) Methylene Chloride	4.508	84	62361	16.24	ug/l	99
21) trans-1,2-Dichloroethene	4.994	96	57049	16.97	ug/l	99
22) Diisopropyl ether	5.917	45	190752	16.98	ug/l	95
23) Vinyl Acetate	5.856	43	773729	81.72	ug/l	99
24) 1,1-Dichloroethane	5.801	63	106591	17.30	ug/l	99
25) 2-Butanone	6.801	43	182147	82.45	ug/l	99
26) 2,2-Dichloropropane	6.778	77	92521	15.72	ug/l	99
27) cis-1,2-Dichloroethene	6.785	96	70329	17.98	ug/l	99
28) Bromochloromethane	7.155	49	45144	16.54	ug/l	91
29) Tetrahydrofuran	7.177	42	118080	82.66	ug/l	99
30) Chloroform	7.331	83	113664	17.92	ug/l	99
31) Cyclohexane	7.614	56	90853	15.64	ug/l	97
32) 1,1,1-Trichloroethane	7.531	97	98796	17.19	ug/l	98
36) 1,1-Dichloropropene	7.753	75	82927	18.02	ug/l	98
37) Ethyl Acetate	6.894	43	78377	17.18	ug/l	96
38) Carbon Tetrachloride	7.733	117	85126	17.61	ug/l	99
39) Methylcyclohexane	9.045	83	91255	16.50	ug/l	99
40) Benzene	8.003	78	245762	17.95	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.135	41	37740	15.90	ug/l	88
42) 1,2-Dichloroethane	8.090	62	89688	17.72	ug/l	98
43) Isopropyl Acetate	8.132	43	131122	16.68	ug/l	98
44) Trichloroethene	8.801	130	74739	18.91	ug/l	95
45) 1,2-Dichloropropane	9.084	63	65473	18.39	ug/l	99
46) Dibromomethane	9.177	93	43779	18.11	ug/l	90
47) Bromodichloromethane	9.370	83	88428	17.35	ug/l	99
48) Methyl methacrylate	9.167	41	64765	16.97	ug/l	96
49) 1,4-Dioxane	9.174	88	22533	364.25	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	388436	87.86	ug/l	98
52) Toluene	10.122	92	160683	18.62	ug/l	100
53) t-1,3-Dichloropropene	10.351	75	95850	16.69	ug/l	97
54) cis-1,3-Dichloropropene	9.807	75	103683	16.99	ug/l	96
55) 1,1,2-Trichloroethane	10.534	97	64844	18.99	ug/l	98
56) Ethyl methacrylate	10.399	69	91657	17.33	ug/l	95
57) 1,3-Dichloropropane	10.675	76	106055	18.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.662	63	190118	82.64	ug/l	99
59) 2-Hexanone	10.724	43	278961	85.83	ug/l	97
60) Dibromochloromethane	10.871	129	71015	17.45	ug/l	99
61) 1,2-Dibromoethane	10.978	107	67497	18.41	ug/l	99
64) Tetrachloroethene	10.601	164	85906	19.36	ug/l	95
65) Chlorobenzene	11.405	112	179080	19.25	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	68089	18.82	ug/l	99
67) Ethyl Benzene	11.482	91	304937	18.20	ug/l	100
68) m/p-Xylenes	11.595	106	234289	37.11	ug/l	100
69) o-Xylene	11.920	106	113897	18.58	ug/l	99
70) Styrene	11.936	104	190432	18.62	ug/l	99
71) Bromoform	12.100	173	53219	17.08	ug/l #	100
73) Isopropylbenzene	12.222	105	302169	18.36	ug/l	99
74) N-amyl acetate	12.045	43	109975	16.78	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.479	83	83317	18.77	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	82916m	18.81	ug/l	
77) Bromobenzene	12.498	156	83854	19.50	ug/l	88
78) n-propylbenzene	12.566	91	330839	17.81	ug/l	98
79) 2-Chlorotoluene	12.646	91	200698	18.34	ug/l	97
80) 1,3,5-Trimethylbenzene	12.707	105	255496	18.20	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.273	75	25899	14.81	ug/l #	86
82) 4-Chlorotoluene	12.746	91	203375	18.05	ug/l	97
83) tert-Butylbenzene	12.968	119	220447	18.44	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	253135	18.52	ug/l	100
85) sec-Butylbenzene	13.145	105	279735	17.63	ug/l	98
86) p-Isopropyltoluene	13.264	119	258723	17.79	ug/l	99
87) 1,3-Dichlorobenzene	13.257	146	137675	19.14	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	133771	18.53	ug/l	97
89) n-Butylbenzene	13.588	91	208413	16.77	ug/l	99
90) Hexachloroethane	13.849	117	40894	16.36	ug/l	79
91) 1,2-Dichlorobenzene	13.627	146	135266	19.58	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	15420	16.87	ug/l	92
93) 1,2,4-Trichlorobenzene	14.881	180	64096	16.97	ug/l	99
94) Hexachlorobutadiene	14.981	225	46627	17.10	ug/l	99
95) Naphthalene	15.103	128	154776	16.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	61259	17.67	ug/l	98

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

