

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066231.D
 Acq On : 17 Mar 2021 14:10
 Operator : JC/MD
 Sample : VN0317WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 2:19:23 PM

Quant Time: Mar 18 04:43:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	293749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	430708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	401116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	191817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.944	65	166385	39.31	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 78.62%			
35) Dibromofluoromethane	7.507	113	138390	50.37	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.74%			
50) Toluene-d8	10.025	98	527908	49.69	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.38%			
62) 4-Bromofluorobenzene	12.342	95	178203	46.53	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.06%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	50229	17.38	ug/l	99
3) Chloromethane	2.017	50	76875	16.30	ug/l	100
4) Vinyl Chloride	2.148	62	69362	16.63	ug/l	99
5) Bromomethane	2.524	94	37152	15.56	ug/l	99
6) Chloroethane	2.658	64	37561	15.56	ug/l	95
7) Trichlorofluoromethane	2.966	101	86706	17.75	ug/l	100
8) Diethyl Ether	3.342	74	31497	15.79	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.685	101	43950	16.98	ug/l	96
10) Methyl Iodide	3.870	142	55583	15.17	ug/l	99
11) Tert butyl alcohol	4.725	59	58138	80.48	ug/l	99
12) 1,1-Dichloroethene	3.661	96	42524	15.42	ug/l	98
13) Acrolein	3.537	56	41178	59.46	ug/l	95
14) Allyl chloride	4.229	41	119072	18.22	ug/l	96
15) Acrylonitrile	4.884	53	187662	86.74	ug/l	100
16) Acetone	3.741	43	205155	100.91	ug/l	98
17) Carbon Disulfide	3.964	76	123272	15.83	ug/l	99
18) Methyl Acetate	4.237	43	103667	18.22	ug/l	99
19) Methyl tert-butyl Ether	4.945	73	184803	17.53	ug/l	98
20) Methylene Chloride	4.449	84	52050	16.36	ug/l	99
21) trans-1,2-Dichloroethene	4.932	96	55462	18.15	ug/l	95
22) Diisopropyl ether	5.857	45	204084	15.21	ug/l #	94
23) Vinyl Acetate	5.796	43	807625	70.18	ug/l #	94
24) 1,1-Dichloroethane	5.745	63	109993	16.44	ug/l	98
25) 2-Butanone	6.745	43	238243	75.45	ug/l #	91
26) 2,2-Dichloropropane	6.721	77	92117	16.66	ug/l	96
27) cis-1,2-Dichloroethene	6.729	96	62542	17.75	ug/l	48
28) Bromochloromethane	7.102	49	49570	14.02	ug/l #	72
29) Tetrahydrofuran	7.126	42	149150	68.59	ug/l #	88
30) Chloroform	7.284	83	104583	17.12	ug/l	94
31) Cyclohexane	7.568	56	90743	14.31	ug/l #	88
32) 1,1,1-Trichloroethane	7.480	97	88239	16.81	ug/l	97
36) 1,1-Dichloropropene	7.708	75	76749	17.60	ug/l	96
37) Ethyl Acetate	6.842	43	92161	14.78	ug/l #	87
38) Carbon Tetrachloride	7.689	117	74099	18.95	ug/l	92
39) Methylcyclohexane	9.009	83	83158	17.75	ug/l	94
40) Benzene	7.957	78	241313	18.43	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	44505m	14.48	ug/l	
42) 1,2-Dichloroethane	8.046	62	80201	16.88	ug/l	93
43) Isopropyl Acetate	8.091	43	144546	14.99	ug/l #	94
44) Trichloroethene	8.765	130	66281	20.82	ug/l	85
45) 1,2-Dichloropropane	9.049	63	70811	18.69	ug/l	95
46) Dibromomethane	9.140	93	41007	19.42	ug/l	91
47) Bromodichloromethane	9.336	83	84194	18.29	ug/l	98
48) Methyl methacrylate	9.132	41	65900	14.42	ug/l #	89
49) 1,4-Dioxane	9.137	88	17107	345.01	ug/l	89
51) 4-Methyl-2-Pentanone	9.920	43	453444	77.83	ug/l	93
52) Toluene	10.092	92	148480	19.56	ug/l	97
53) t-1,3-Dichloropropene	10.317	75	90539	17.39	ug/l	97
54) cis-1,3-Dichloropropene	9.776	75	101828	18.00	ug/l #	86
55) 1,1,2-Trichloroethane	10.500	97	59580	19.17	ug/l	97
56) Ethyl methacrylate	10.368	69	80112	15.97	ug/l #	85
57) 1,3-Dichloropropane	10.645	76	101486	18.10	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	35939	93.93	ug/l #	88
59) 2-Hexanone	10.693	43	328239	73.01	ug/l	93
60) Dibromochloromethane	10.840	129	64464	19.80	ug/l	96
61) 1,2-Dibromoethane	10.945	107	61278	19.79	ug/l	98
64) Tetrachloroethene	10.567	164	70987	21.34	ug/l	98
65) Chlorobenzene	11.374	112	155355	19.30	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	59757	19.82	ug/l	98
67) Ethyl Benzene	11.452	91	252221	17.67	ug/l	97
68) m/p-Xylenes	11.562	106	204414	38.60	ug/l	86
69) o-Xylene	11.889	106	92509	18.18	ug/l	90
70) Styrene	11.905	104	157850	18.13	ug/l	95
71) Bromoform	12.069	173	47234	19.76	ug/l #	99
73) Isopropylbenzene	12.192	105	238332	17.73	ug/l	95
74) N-amyl acetate	12.015	43	81753	12.64	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.447	83	81588	17.37	ug/l	97
76) 1,2,3-Trichloropropane	12.495	75	78963m	15.94	ug/l	
77) Bromobenzene	12.466	156	68049	19.30	ug/l	86
78) n-propylbenzene	12.533	91	275662	17.83	ug/l	94
79) 2-Chlorotoluene	12.616	91	170583	18.07	ug/l	92
80) 1,3,5-Trimethylbenzene	12.678	105	207099	18.57	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.243	75	25852	15.62	ug/l	91
82) 4-Chlorotoluene	12.715	91	175156	17.37	ug/l	90
83) tert-Butylbenzene	12.938	119	172267	17.71	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	198729	18.23	ug/l	95
85) sec-Butylbenzene	13.115	105	227698	18.26	ug/l	98
86) p-Isopropyltoluene	13.233	119	206510	18.88	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	120852	20.22	ug/l	97
88) 1,4-Dichlorobenzene	13.305	146	121043	19.34	ug/l	97
89) n-Butylbenzene	13.557	91	176873	17.64	ug/l	99
90) Hexachloroethane	13.815	117	34400	17.96	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	120997	20.55	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	19622	19.24	ug/l	96
93) 1,2,4-Trichlorobenzene	14.850	180	70968	18.45	ug/l	96
94) Hexachlorobutadiene	14.946	225	36317	19.42	ug/l	99
95) Naphthalene	15.070	128	213181	18.95	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	79900	20.86	ug/l	99

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

