

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031021\
 Data File : VN066169.D
 Acq On : 10 Mar 2021 16:47
 Operator : JC/MD
 Sample : VN0310WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2021 3:36:06 PM

Quant Time: Mar 11 01:32:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	165809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	277877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	257354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	116602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	169394	54.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.28%			
35) Dibromofluoromethane	7.509	113	102823	54.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.48%			
50) Toluene-d8	10.025	98	399790	53.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.20%			
62) 4-Bromofluorobenzene	12.345	95	145763	52.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.821	85	40598	19.58	ug/l	100
3) Chloromethane	2.017	50	63264	16.88	ug/l	98
4) Vinyl Chloride	2.145	62	54304	18.29	ug/l	99
5) Bromomethane	2.524	94	28554	17.93	ug/l	94
6) Chloroethane	2.655	64	30329	18.57	ug/l	98
7) Trichlorofluoromethane	2.966	101	63713	19.92	ug/l	99
8) Diethyl Ether	3.344	74	24442	18.53	ug/l	53
9) 1,1,2-Trichlorotrifluo...	3.682	101	29249	19.26	ug/l #	64
10) Methyl Iodide	3.870	142	29906	17.11	ug/l #	86
11) Tert butyl alcohol	4.715	59	48069	89.77	ug/l #	88
12) 1,1-Dichloroethene	3.658	96	31971	19.03	ug/l #	69
13) Acrolein	3.535	56	24491	69.36	ug/l	92
14) Allyl chloride	4.227	41	99099	18.94	ug/l #	88
15) Acrylonitrile	4.886	53	139028	90.12	ug/l	97
16) Acetone	3.744	43	133097	84.20	ug/l	89
17) Carbon Disulfide	3.964	76	98106	18.53	ug/l	96
18) Methyl Acetate	4.237	43	78999	20.01	ug/l #	86
19) Methyl tert-butyl Ether	4.945	73	137479	18.02	ug/l #	89
20) Methylene Chloride	4.455	84	42135	18.08	ug/l #	73
21) trans-1,2-Dichloroethene	4.937	96	37917	18.96	ug/l #	78
22) Diisopropyl ether	5.857	45	193255	18.52	ug/l #	91
23) Vinyl Acetate	5.796	43	820156	91.28	ug/l #	90
24) 1,1-Dichloroethane	5.745	63	89126	18.69	ug/l	95
25) 2-Butanone	6.748	43	220540	90.02	ug/l #	81
26) 2,2-Dichloropropane	6.726	77	73317	18.76	ug/l	91
27) cis-1,2-Dichloroethene	6.726	96	42705	17.55	ug/l	70
28) Bromochloromethane	7.107	49	48040	17.54	ug/l #	60
29) Tetrahydrofuran	7.126	42	155376	91.32	ug/l #	77
30) Chloroform	7.281	83	80533	18.82	ug/l	97
31) Cyclohexane	7.568	56	80611	17.87	ug/l	88
32) 1,1,1-Trichloroethane	7.485	97	68569	19.20	ug/l	94
36) 1,1-Dichloropropene	7.708	75	59456	18.82	ug/l	94
37) Ethyl Acetate	6.839	43	83549	17.34	ug/l #	94
38) Carbon Tetrachloride	7.689	117	54446	19.78	ug/l	98
39) Methylcyclohexane	9.011	83	63272	18.91	ug/l #	81
40) Benzene	7.960	78	173936	18.82	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	43001	18.57	ug/l #	100
42) 1,2-Dichloroethane	8.046	62	72042	19.16	ug/l	94
43) Isopropyl Acetate	8.091	43	151720	19.37	ug/l #	81
44) Trichloroethene	8.765	130	42012	19.19	ug/l	95
45) 1,2-Dichloropropane	9.049	63	55135	19.64	ug/l	96
46) Dibromomethane	9.140	93	29049	19.16	ug/l	90
47) Bromodichloromethane	9.336	83	64600	19.25	ug/l	98
48) Methyl methacrylate	9.135	41	68120	17.77	ug/l #	77
49) 1,4-Dioxane	9.143	88	13413	381.18	ug/l #	76
51) 4-Methyl-2-Pentanone	9.920	43	454845	95.69	ug/l	87
52) Toluene	10.092	92	100085	18.36	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	72945	18.37	ug/l	97
54) cis-1,3-Dichloropropene	9.776	75	78013	18.33	ug/l #	88
55) 1,1,2-Trichloroethane	10.500	97	41116	19.34	ug/l	95
56) Ethyl methacrylate	10.368	69	65167	17.54	ug/l #	72
57) 1,3-Dichloropropane	10.647	76	76876	18.70	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.631	63	103377	79.53	ug/l #	87
59) 2-Hexanone	10.693	43	319644	94.07	ug/l	85
60) Dibromochloromethane	10.840	129	43212	19.26	ug/l	98
61) 1,2-Dibromoethane	10.945	107	39402	18.13	ug/l	99
64) Tetrachloroethene	10.570	164	41972	19.78	ug/l	98
65) Chlorobenzene	11.374	112	100673	18.57	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	38537	19.14	ug/l	99
67) Ethyl Benzene	11.452	91	186917	18.38	ug/l	97
68) m/p-Xylenes	11.562	106	135757	37.04	ug/l	91
69) o-Xylene	11.889	106	65462	18.55	ug/l	93
70) Styrene	11.908	104	106266	18.35	ug/l	93
71) Bromoform	12.069	173	27903	18.38	ug/l #	96
73) Isopropylbenzene	12.192	105	173052	19.05	ug/l	99
74) N-amyl acetate	12.015	43	82968	16.74	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.447	83	61147	18.81	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	62640m	17.93	ug/l	
77) Bromobenzene	12.468	156	40313	19.13	ug/l	70
78) n-propylbenzene	12.535	91	208413	19.30	ug/l	97
79) 2-Chlorotoluene	12.616	91	124258	19.02	ug/l	94
80) 1,3,5-Trimethylbenzene	12.675	105	148011	19.28	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.246	75	19861	17.74	ug/l	93
82) 4-Chlorotoluene	12.715	91	129346	19.37	ug/l	93
83) tert-Butylbenzene	12.938	119	120691	18.57	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	141997	18.81	ug/l	98
85) sec-Butylbenzene	13.115	105	161926	18.91	ug/l	98
86) p-Isopropyltoluene	13.233	119	144064	18.93	ug/l	97
87) 1,3-Dichlorobenzene	13.225	146	72595	18.93	ug/l	96
88) 1,4-Dichlorobenzene	13.305	146	71774	18.56	ug/l	97
89) n-Butylbenzene	13.557	91	132118	18.85	ug/l	97
90) Hexachloroethane	13.815	117	20636	17.52	ug/l	94
91) 1,2-Dichlorobenzene	13.595	146	71068	18.66	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	14047	17.00	ug/l	79
93) 1,2,4-Trichlorobenzene	14.850	180	43245	19.12	ug/l	99
94) Hexachlorobutadiene	14.949	225	22492	20.71	ug/l	99
95) Naphthalene	15.070	128	145074	20.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	47181	20.26	ug/l	98

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

