

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060421\
 Data File : VN067208.D
 Acq On : 4 Jun 2021 20:26
 Operator : JC/MD
 Sample : VN0604WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 7:21:06 PM

Quant Time: Jun 05 05:31:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 04 19:00:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	155983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	283292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	287007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	146160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.445	65	107911	50.752	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.500%	
35) Dibromofluoromethane	8.027	113	86140	49.048	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	98.100%	
50) Toluene-d8	10.448	98	381824	53.383	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	106.760%	
62) 4-Bromofluorobenzene	12.736	95	132429	48.073	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	96.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	27676	15.758	ug/l	96
3) Chloromethane	2.303	50	45139	20.415	ug/l	99
4) Vinyl Chloride	2.448	62	64467	23.002	ug/l	98
5) Bromomethane	2.872	94	56176	26.430	ug/l	99
6) Chloroethane	3.027	64	47266	24.321	ug/l	98
7) Trichlorofluoromethane	3.381	101	46727	18.038	ug/l	95
8) Diethyl Ether	3.837	74	18428	18.410	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.221	101	26663	17.927	ug/l	87
10) Methyl Iodide	4.433	142	30948	16.247	ug/l	95
11) Tert butyl alcohol	5.371	59	30937	88.713	ug/l #	90
12) 1,1-Dichloroethene	4.197	96	26507	17.819	ug/l	93
13) Acrolein	4.052	56	11840	113.508	ug/l	99
14) Allyl chloride	4.846	41	50265	18.480	ug/l	89
15) Acrylonitrile	5.559	53	72578	94.886	ug/l	98
16) Acetone	4.291	43	61252	83.487	ug/l	95
17) Carbon Disulfide	4.543	76	78943	18.169	ug/l	100
18) Methyl Acetate	4.865	43	39353	18.922	ug/l	91
19) Methyl tert-butyl Ether	5.624	73	96190	18.211	ug/l	99
20) Methylene Chloride	5.106	84	33154	17.945	ug/l	94
21) trans-1,2-Dichloroethene	5.605	96	30906	17.875	ug/l	97
22) Diisopropyl ether	6.498	45	99094	19.002	ug/l #	94
23) Vinyl Acetate	6.442	43	478660	94.395	ug/l	95
24) 1,1-Dichloroethane	6.396	63	58912	18.710	ug/l	98
25) 2-Butanone	7.340	43	111305	94.742	ug/l #	88
26) 2,2-Dichloropropane	7.332	77	52627	17.303	ug/l	98
27) cis-1,2-Dichloroethene	7.332	96	36938	18.443	ug/l	93
28) Bromochloromethane	7.665	49	29877	19.214	ug/l #	78
29) Tetrahydrofuran	7.691	42	69558	99.564	ug/l	92
30) Chloroform	7.825	83	64335	18.888	ug/l	96
31) Cyclohexane	8.104	56	55686	19.506	ug/l	92
32) 1,1,1-Trichloroethane	8.021	97	60057	18.879	ug/l	97
36) 1,1-Dichloropropene	8.228	75	48557	18.559	ug/l	97
37) Ethyl Acetate	7.420	43	40732	16.150	ug/l	99
38) Carbon Tetrachloride	8.212	117	51235	17.931	ug/l	99
39) Methylcyclohexane	9.464	83	56487	19.058	ug/l	99
40) Benzene	8.466	78	154348	19.012	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	23735	18.179	ug/l #	83
42) 1,2-Dichloroethane	8.533	62	50124	17.981	ug/l	98
43) Isopropyl Acetate	8.566	43	92437	19.274	ug/l	93
44) Trichloroethene	9.223	130	37531	18.372	ug/l	91
45) 1,2-Dichloropropane	9.494	63	38137	18.868	ug/l	99
46) Dibromomethane	9.582	93	26633	18.683	ug/l #	84
47) Bromodichloromethane	9.767	83	55767	19.200	ug/l	97
48) Methyl methacrylate	9.563	41	38913	18.725	ug/l #	87
49) 1,4-Dioxane	9.577	88	11987	365.042	ug/l #	96
51) 4-Methyl-2-Pentanone	10.336	43	275458	98.008	ug/l	92
52) Toluene	10.510	92	104799	19.571	ug/l	99
53) t-1,3-Dichloropropene	10.725	75	61847	18.057	ug/l	99
54) cis-1,3-Dichloropropene	10.194	75	63331	18.278	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	40283	19.818	ug/l	96
56) Ethyl methacrylate	10.768	69	64540	19.456	ug/l #	84
57) 1,3-Dichloropropane	11.049	76	65285	19.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	63091	89.515	ug/l	95
59) 2-Hexanone	11.089	43	194925	95.430	ug/l	91
60) Dibromochloromethane	11.245	129	45390	18.898	ug/l	97
61) 1,2-Dibromoethane	11.350	107	40338	18.863	ug/l	98
64) Tetrachloroethene	10.979	164	35871	18.373	ug/l	97
65) Chlorobenzene	11.776	112	107497	17.571	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.846	131	43727	18.796	ug/l	96
67) Ethyl Benzene	11.851	91	208193	18.496	ug/l	98
68) m/p-Xylenes	11.956	106	164510	37.238	ug/l	97
69) o-Xylene	12.288	106	79429	18.397	ug/l	92
70) Styrene	12.299	104	131278	17.805	ug/l	98
71) Bromoform	12.463	173	33588	17.523	ug/l #	98
73) Isopropylbenzene	12.583	105	200642	18.041	ug/l	100
74) N-amyl acetate	12.393	43	82109	18.320	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.833	83	58329	18.410	ug/l	99
76) 1,2,3-Trichloropropane	12.886	75	51982m	18.494	ug/l	
77) Bromobenzene	12.865	156	46585	18.397	ug/l	83
78) n-propylbenzene	12.927	91	237336	18.315	ug/l	95
79) 2-Chlorotoluene	13.112	91	143943	18.295	ug/l	96
80) 1,3,5-Trimethylbenzene	13.063	105	178195	18.505	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.632	75	19371	16.862	ug/l	92
82) 4-Chlorotoluene	13.012	91	140298	18.572	ug/l	100
83) tert-Butylbenzene	13.329	119	159576	19.361	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	183038	19.111	ug/l	97
85) sec-Butylbenzene	13.506	105	213850	18.692	ug/l	98
86) p-Isopropyltoluene	13.621	119	184959	18.264	ug/l	95
87) 1,3-Dichlorobenzene	13.621	146	91344	18.919	ug/l	97
88) 1,4-Dichlorobenzene	13.699	146	91348	18.718	ug/l	97
89) n-Butylbenzene	13.948	91	165077	18.112	ug/l	95
90) Hexachloroethane	14.217	117	31682	18.188	ug/l	80
91) 1,2-Dichlorobenzene	13.994	146	88071	18.515	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	11433	17.448	ug/l	83
93) 1,2,4-Trichlorobenzene	15.271	180	35723	16.341	ug/l	96
94) Hexachlorobutadiene	15.375	225	21004	16.948	ug/l	99
95) Naphthalene	15.512	128	90642	17.139	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	32375	16.683	ug/l	95

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

