

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072721\
 Data File : VN067924.D
 Acq On : 27 Jul 2021 13:21
 Operator : JC/MD
 Sample : VN0727WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2021 8:58:20 PM

Quant Time: Jul 28 05:18:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	350927	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	631720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	596516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	261737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	261536	49.313	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.620%
35) Dibromofluoromethane	8.024	113	196431	51.466	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.940%
50) Toluene-d8	10.443	98	782042	48.952	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.734	95	267773	47.448	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	55611	18.644	ug/l	100
3) Chloromethane	2.303	50	74918	15.858	ug/l	99
4) Vinyl Chloride	2.443	62	121527	17.044	ug/l	98
5) Bromomethane	2.850	94	110509	19.833	ug/l	95
6) Chloroethane	3.017	64	103601	19.191	ug/l	98
7) Trichlorofluoromethane	3.371	101	245243	20.661	ug/l	100
8) Diethyl Ether	3.821	74	45403	15.996	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.199	101	70964	21.820	ug/l	95
10) Methyl Iodide	4.417	142	77285	19.948	ug/l	91
11) Tert butyl alcohol	5.390	59	68322	89.647	ug/l	100
12) 1,1-Dichloroethene	4.173	96	63065	20.211	ug/l	85
13) Acrolein	4.036	56	22457	57.243	ug/l	98
14) Allyl chloride	4.830	41	108683	18.948	ug/l	96
15) Acrylonitrile	5.557	53	194348	102.813	ug/l	98
16) Acetone	4.288	43	168458	100.944	ug/l	95
17) Carbon Disulfide	4.527	76	147232	17.034	ug/l	98
18) Methyl Acetate	4.859	43	96676	20.625	ug/l	# 75
19) Methyl tert-butyl Ether	5.621	73	253772	19.626	ug/l	99
20) Methylene Chloride	5.095	84	80969	20.371	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	72265	19.588	ug/l	93
22) Diisopropyl ether	6.501	45	254440	19.548	ug/l	97
23) Vinyl Acetate	6.436	43	1037736	93.256	ug/l	# 95
24) 1,1-Dichloroethane	6.388	63	146172	20.145	ug/l	97
25) 2-Butanone	7.340	43	269702	97.325	ug/l	98
26) 2,2-Dichloropropane	7.324	77	128435	20.254	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	91295	19.775	ug/l	87
28) Bromochloromethane	7.657	49	64791	18.299	ug/l	85
29) Tetrahydrofuran	7.689	42	175408	96.254	ug/l	94
30) Chloroform	7.820	83	162362	19.921	ug/l	99
31) Cyclohexane	8.091	56	127354	17.126	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	139504	19.739	ug/l	99
36) 1,1-Dichloropropene	8.222	75	113679	19.373	ug/l	96
37) Ethyl Acetate	7.418	43	110612	19.454	ug/l	98
38) Carbon Tetrachloride	8.204	117	116251	20.084	ug/l	98
39) Methylcyclohexane	9.462	83	119527	18.606	ug/l	94
40) Benzene	8.458	78	345621	19.677	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	56524	19.343	ug/l	95
42) 1,2-Dichloroethane	8.531	62	131003	20.083	ug/l	96
43) Isopropyl Acetate	8.563	43	187577	18.755	ug/l	95
44) Trichloroethene	9.217	130	88323	19.813	ug/l	89
45) 1,2-Dichloropropane	9.491	63	89269	20.073	ug/l	99
46) Dibromomethane	9.577	93	63897	20.249	ug/l	96
47) Bromodichloromethane	9.762	83	124985	20.260	ug/l	99
48) Methyl methacrylate	9.563	41	80915	18.292	ug/l	91
49) 1,4-Dioxane	9.571	88	29731	359.101	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	603600	98.237	ug/l	97
52) Toluene	10.507	92	224936	19.549	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	124711	18.117	ug/l	95
54) cis-1,3-Dichloropropene	10.191	75	135936	19.814	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	91264	20.697	ug/l	96
56) Ethyl methacrylate	10.765	69	132539	19.510	ug/l	91
57) 1,3-Dichloropropane	11.047	76	150109	19.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	122511	80.039	ug/l	94
59) 2-Hexanone	11.087	43	409568	95.496	ug/l	93
60) Dibromochloromethane	11.242	129	89431	18.103	ug/l	99
61) 1,2-Dibromoethane	11.350	107	89863	19.962	ug/l	99
64) Tetrachloroethene	10.980	164	84207	19.998	ug/l	97
65) Chlorobenzene	11.773	112	241073	19.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	90478	20.995	ug/l	98
67) Ethyl Benzene	11.848	91	437039	19.595	ug/l	98
68) m/p-Xylenes	11.956	106	333474	39.532	ug/l	87
69) o-Xylene	12.283	106	158429	19.102	ug/l	92
70) Styrene	12.296	104	260885	19.664	ug/l	92
71) Bromoform	12.460	173	54515	16.531	ug/l #	99
73) Isopropylbenzene	12.581	105	412590	19.537	ug/l	98
74) N-amyl acetate	12.390	43	141655	18.490	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	128852	21.023	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	114098m	21.346	ug/l	
77) Bromobenzene	12.865	156	93300	19.961	ug/l	79
78) n-propylbenzene	12.924	91	475317	19.900	ug/l	97
79) 2-Chlorotoluene	13.010	91	290222	20.112	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	348712	20.379	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	30694	18.514	ug/l	96
82) 4-Chlorotoluene	13.106	91	284070	19.894	ug/l	94
83) tert-Butylbenzene	13.326	119	281585	19.296	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	339054	20.222	ug/l	96
85) sec-Butylbenzene	13.503	105	398277	19.721	ug/l	98
86) p-Isopropyltoluene	13.619	119	318062	19.516	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	167420	19.308	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	170514	19.207	ug/l	96
89) n-Butylbenzene	13.946	91	262200	18.757	ug/l	98
90) Hexachloroethane	14.211	117	53967	19.938	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	162043	19.360	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	20590	19.343	ug/l	78
93) 1,2,4-Trichlorobenzene	15.268	180	64715	16.723	ug/l	98
94) Hexachlorobutadiene	15.373	225	35098	19.956	ug/l	97
95) Naphthalene	15.509	128	166181	15.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	61204	16.506	ug/l	99

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

