

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072321\
 Data File : VN067875.D
 Acq On : 23 Jul 2021 13:13
 Operator : JC/MD
 Sample : VN0723WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:21:51 PM

Quant Time: Jul 24 01:41:14 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	321675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	596702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	567768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	251861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	256455	52.752	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.500%			
35) Dibromofluoromethane	8.021	113	189051	52.439	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.880%			
50) Toluene-d8	10.443	98	752654	49.877	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.760%			
62) 4-Bromofluorobenzene	12.734	95	264377	49.595	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	52556	19.222	ug/l	98
3) Chloromethane	2.301	50	71389	16.485	ug/l	98
4) Vinyl Chloride	2.443	62	112167	17.162	ug/l	100
5) Bromomethane	2.856	94	96145	18.547	ug/l	94
6) Chloroethane	3.017	64	89000	17.895	ug/l	97
7) Trichlorofluoromethane	3.371	101	219890	20.131	ug/l	99
8) Diethyl Ether	3.821	74	42908	16.492	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.200	101	66135	22.184	ug/l	96
10) Methyl Iodide	4.419	142	71893	20.244	ug/l	92
11) Tert butyl alcohol	5.380	59	64804	92.763	ug/l #	86
12) 1,1-Dichloroethene	4.175	96	57540	20.117	ug/l	88
13) Acrolein	4.039	56	29802	84.764	ug/l	96
14) Allyl chloride	4.835	41	99315	18.889	ug/l	95
15) Acrylonitrile	5.559	53	183754	106.049	ug/l	99
16) Acetone	4.288	43	154664	101.107	ug/l	93
17) Carbon Disulfide	4.524	76	140551	17.740	ug/l	98
18) Methyl Acetate	4.857	43	92211	21.461	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	245097	20.679	ug/l	97
20) Methylene Chloride	5.095	84	78113	21.477	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	67585	19.986	ug/l	92
22) Diisopropyl ether	6.501	45	241190	20.215	ug/l	97
23) Vinyl Acetate	6.434	43	996799	97.723	ug/l #	95
24) 1,1-Dichloroethane	6.385	63	136133	20.467	ug/l	99
25) 2-Butanone	7.340	43	252560	99.427	ug/l	96
26) 2,2-Dichloropropane	7.324	77	108001	18.580	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	83376	19.702	ug/l	87
28) Bromochloromethane	7.659	49	61970	19.094	ug/l #	82
29) Tetrahydrofuran	7.691	42	162123	97.054	ug/l	92
30) Chloroform	7.817	83	149015	19.946	ug/l	98
31) Cyclohexane	8.091	56	117418	17.225	ug/l #	93
32) 1,1,1-Trichloroethane	8.013	97	126579	19.539	ug/l	98
36) 1,1-Dichloropropene	8.220	75	100375	18.109	ug/l	95
37) Ethyl Acetate	7.413	43	106941	19.913	ug/l	99
38) Carbon Tetrachloride	8.206	117	107187	19.605	ug/l	99
39) Methylcyclohexane	9.462	83	108860	17.940	ug/l	93
40) Benzene	8.461	78	317152	19.116	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	53070	19.227	ug/l	90
42) 1,2-Dichloroethane	8.531	62	124257	20.167	ug/l	97
43) Isopropyl Acetate	8.563	43	181028	19.162	ug/l	97
44) Trichloroethene	9.215	130	83074	19.729	ug/l	85
45) 1,2-Dichloropropane	9.491	63	83021	19.764	ug/l	97
46) Dibromomethane	9.580	93	59747	20.045	ug/l	95
47) Bromodichloromethane	9.765	83	117441	20.155	ug/l	100
48) Methyl methacrylate	9.563	41	76814	18.384	ug/l	86
49) 1,4-Dioxane	9.572	88	28037	358.567	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	575729	99.200	ug/l	96
52) Toluene	10.508	92	211194	19.432	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	118709	18.244	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	127356	19.653	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	86138	20.681	ug/l	96
56) Ethyl methacrylate	10.762	69	126689	19.744	ug/l	92
57) 1,3-Dichloropropane	11.047	76	141262	19.779	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	124694	84.926	ug/l	94
59) 2-Hexanone	11.087	43	406624	100.374	ug/l	95
60) Dibromochloromethane	11.240	129	83485	17.919	ug/l	99
61) 1,2-Dibromoethane	11.350	107	85990	20.222	ug/l	98
64) Tetrachloroethene	10.977	164	81330	20.293	ug/l	95
65) Chlorobenzene	11.773	112	228290	19.577	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	82770	20.179	ug/l	99
67) Ethyl Benzene	11.848	91	408744	19.254	ug/l	96
68) m/p-Xylenes	11.956	106	313460	39.041	ug/l	87
69) o-Xylene	12.283	106	152469	19.314	ug/l	88
70) Styrene	12.296	104	254580	20.160	ug/l	93
71) Bromoform	12.460	173	52219	16.616	ug/l #	100
73) Isopropylbenzene	12.581	105	390994	19.241	ug/l	98
74) N-amyl acetate	12.390	43	148961	20.206	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	122142	20.710	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	105513m	20.514	ug/l	
77) Bromobenzene	12.862	156	89148	19.821	ug/l	80
78) n-propylbenzene	12.924	91	456921	19.880	ug/l	97
79) 2-Chlorotoluene	13.010	91	278583	20.063	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	329780	20.028	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.629	75	28902	18.117	ug/l	97
82) 4-Chlorotoluene	13.106	91	278383	20.260	ug/l	94
83) tert-Butylbenzene	13.326	119	269965	19.225	ug/l	90
84) 1,2,4-Trimethylbenzene	13.372	105	323192	20.032	ug/l	94
85) sec-Butylbenzene	13.503	105	379009	19.503	ug/l	98
86) p-Isopropyltoluene	13.619	119	306591	19.550	ug/l	95
87) 1,3-Dichlorobenzene	13.619	146	163927	19.647	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	164751	19.286	ug/l	96
89) n-Butylbenzene	13.946	91	257415	19.137	ug/l	97
90) Hexachloroethane	14.211	117	50544	19.406	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	159230	19.770	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.606	75	21371	20.864	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	66847	17.755	ug/l	98
94) Hexachlorobutadiene	15.373	225	32997	19.497	ug/l	97
95) Naphthalene	15.509	128	185642	17.159	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	64766	17.889	ug/l	97

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

