

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068162.D
 Acq On : 18 Aug 2021 00:14
 Operator : JC/MD
 Sample : VN0817WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:29 PM

Quant Time: Aug 18 07:22:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	567437	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	894907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	868857	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	414982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	316668	52.267	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.540%			
35) Dibromofluoromethane	8.021	113	286360	50.968	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.940%			
50) Toluene-d8	10.443	98	1126481	52.619	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.733	95	373953	52.472	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	94237	20.959	ug/l	98
3) Chloromethane	2.303	50	100205	19.726	ug/l	96
4) Vinyl Chloride	2.443	62	160514	20.166	ug/l	98
5) Bromomethane	2.853	94	146439	21.556	ug/l	99
6) Chloroethane	3.017	64	116414	21.919	ug/l	98
7) Trichlorofluoromethane	3.371	101	311138	19.884	ug/l	97
8) Diethyl Ether	3.821	74	97320	26.813	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	95816	20.027	ug/l #	73
10) Methyl Iodide	4.419	142	137932	20.275	ug/l	88
11) Tert butyl alcohol	5.390	59	76439	101.169	ug/l	97
12) 1,1-Dichloroethene	4.178	96	90450	19.663	ug/l #	74
13) Acrolein	4.038	56	47560	89.464	ug/l	100
14) Allyl chloride	4.840	41	113710	19.338	ug/l #	92
15) Acrylonitrile	5.562	53	218434	102.614	ug/l	98
16) Acetone	4.293	43	171791	97.115	ug/l	91
17) Carbon Disulfide	4.521	76	237532	19.974	ug/l	99
18) Methyl Acetate	4.859	43	101100	20.487	ug/l #	85
19) Methyl tert-butyl Ether	5.623	73	310530	20.938	ug/l	94
20) Methylene Chloride	5.092	84	111310	21.534	ug/l #	81
21) trans-1,2-Dichloroethene	5.594	96	103866	20.168	ug/l #	79
22) Diisopropyl ether	6.503	45	268811	20.927	ug/l #	93
23) Vinyl Acetate	6.436	43	1019569m	101.971	ug/l	
24) 1,1-Dichloroethane	6.388	63	172786	20.133	ug/l	95
25) 2-Butanone	7.343	43	270670	98.183	ug/l #	88
26) 2,2-Dichloropropane	7.324	77	122074	16.601	ug/l	87
27) cis-1,2-Dichloroethene	7.332	96	123087	19.961	ug/l	74
28) Bromochloromethane	7.656	49	63057	16.709	ug/l #	44
29) Tetrahydrofuran	7.689	42	183369	104.007	ug/l #	82
30) Chloroform	7.820	83	203503	19.905	ug/l	98
31) Cyclohexane	8.094	56	154649	19.379	ug/l #	80
32) 1,1,1-Trichloroethane	8.016	97	185023	20.294	ug/l	94
36) 1,1-Dichloropropene	8.222	75	143552	19.623	ug/l	91
37) Ethyl Acetate	7.420	43	114338	18.346	ug/l #	96
38) Carbon Tetrachloride	8.209	117	169318	20.067	ug/l	99
39) Methylcyclohexane	9.461	83	158348	19.165	ug/l #	85
40) Benzene	8.461	78	446465	19.996	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068162.D
 Acq On : 18 Aug 2021 00:14
 Operator : JC/MD
 Sample : VN0817WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:29 PM

Quant Time: Aug 18 07:22:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	51885	18.235	ug/l #	77
42) 1,2-Dichloroethane	8.531	62	153480	20.180	ug/l	93
43) Isopropyl Acetate	8.566	43	198414	19.875	ug/l #	89
44) Trichloroethene	9.220	130	136364	20.309	ug/l	73
45) 1,2-Dichloropropane	9.494	63	105659	20.118	ug/l	97
46) Dibromomethane	9.579	93	85876	20.045	ug/l #	78
47) Bromodichloromethane	9.764	83	158780	19.944	ug/l #	93
48) Methyl methacrylate	9.563	41	85552	20.564	ug/l #	82
49) 1,4-Dioxane	9.574	88	38984	387.687	ug/l #	83
51) 4-Methyl-2-Pentanone	10.333	43	618803	100.908	ug/l	89
52) Toluene	10.507	92	308702	20.280	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	156706	20.040	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	168433	19.881	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	121259	19.934	ug/l	95
56) Ethyl methacrylate	10.762	69	158496	20.290	ug/l #	81
57) 1,3-Dichloropropane	11.046	76	184556	19.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	104771	76.599	ug/l #	83
59) 2-Hexanone	11.089	43	429166	100.788	ug/l	87
60) Dibromochloromethane	11.239	129	139263	20.293	ug/l	99
61) 1,2-Dibromoethane	11.347	107	130744	20.725	ug/l	100
64) Tetrachloroethene	10.979	164	137364	20.446	ug/l	90
65) Chlorobenzene	11.773	112	349283	19.634	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	136274	20.308	ug/l	99
67) Ethyl Benzene	11.846	91	587733	20.029	ug/l	94
68) m/p-Xylenes	11.956	106	477458	40.675	ug/l	79
69) o-Xylene	12.283	106	229679	20.250	ug/l	81
70) Styrene	12.296	104	368630	20.305	ug/l #	90
71) Bromoform	12.460	173	108087	20.084	ug/l #	99
73) Isopropylbenzene	12.580	105	586139	19.860	ug/l	95
74) N-amyl acetate	12.390	43	146595	19.075	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.830	83	167988	18.979	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	124339m	18.027	ug/l	
77) Bromobenzene	12.862	156	158324	19.472	ug/l	55
78) n-propylbenzene	12.924	91	634686	20.047	ug/l	91
79) 2-Chlorotoluene	13.010	91	383787	19.601	ug/l	83
80) 1,3,5-Trimethylbenzene	13.061	105	483203	20.238	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.626	75	37420	17.774	ug/l	88
82) 4-Chlorotoluene	13.106	91	377419	19.860	ug/l	85
83) tert-Butylbenzene	13.326	119	422476	19.926	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	477312	20.478	ug/l	91
85) sec-Butylbenzene	13.503	105	548715	19.655	ug/l	91
86) p-Isopropyltoluene	13.618	119	458485	19.897	ug/l	90
87) 1,3-Dichlorobenzene	13.618	146	278002	20.051	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	276976	19.719	ug/l	93
89) n-Butylbenzene	13.946	91	332127	19.321	ug/l	95
90) Hexachloroethane	14.214	117	83520	19.534	ug/l	74
91) 1,2-Dichlorobenzene	13.991	146	269047	20.381	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.603	75	26024	19.411	ug/l #	37
93) 1,2,4-Trichlorobenzene	15.265	180	121705	19.321	ug/l	96
94) Hexachlorobutadiene	15.372	225	67727	18.944	ug/l	100
95) Naphthalene	15.509	128	285725	19.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	119100	19.926	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
Data File : VN068162.D
Acq On : 18 Aug 2021 00:14
Operator : JC/MD
Sample : VN0817WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD02

Manual Integrations
APPROVED

MMDadoda
8/19/2021 5:54:29 PM

Quant Time: Aug 18 07:22:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

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

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

