

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068211.D
 Acq On : 19 Aug 2021 12:45
 Operator : JC/MD
 Sample : VN0819WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:50:13 PM

Quant Time: Aug 19 14:02:05 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	8.086	168	529040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	803013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	775343	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	370045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	287061	50.819	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.640%	
35) Dibromofluoromethane	8.021	113	258706	51.315	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.620%	
50) Toluene-d8	10.443	98	1004488	52.290	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.580%	
62) 4-Bromofluorobenzene	12.734	95	333255	52.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	80156	19.121	ug/l	100
3) Chloromethane	2.301	50	86736	18.314	ug/l	98
4) Vinyl Chloride	2.443	62	141647	19.087	ug/l	98
5) Bromomethane	2.842	94	128926	20.172	ug/l	92
6) Chloroethane	3.011	64	105716	21.229	ug/l	95
7) Trichlorofluoromethane	3.368	101	284881	19.527	ug/l	99
8) Diethyl Ether	3.819	74	86756	25.637	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.200	101	89589	20.085	ug/l #	85
10) Methyl Iodide	4.411	142	115644	18.233	ug/l #	85
11) Tert butyl alcohol	5.390	59	68959	97.893	ug/l #	85
12) 1,1-Dichloroethene	4.170	96	80197	18.699	ug/l #	76
13) Acrolein	4.039	56	41169	82.346	ug/l	100
14) Allyl chloride	4.830	41	103468	18.874	ug/l #	94
15) Acrylonitrile	5.559	53	196003	98.759	ug/l	99
16) Acetone	4.288	43	163002	98.834	ug/l	91
17) Carbon Disulfide	4.521	76	201373	18.163	ug/l	97
18) Methyl Acetate	4.859	43	91934	19.896	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	268333	19.406	ug/l	97
20) Methylene Chloride	5.090	84	98092	20.233	ug/l #	78
21) trans-1,2-Dichloroethene	5.594	96	92855	19.338	ug/l #	78
22) Diisopropyl ether	6.501	45	234522	19.583	ug/l #	95
23) Vinyl Acetate	6.436	43	899955m	96.541	ug/l	
24) 1,1-Dichloroethane	6.383	63	151344	18.914	ug/l	97
25) 2-Butanone	7.343	43	252150	98.104	ug/l #	86
26) 2,2-Dichloropropane	7.327	77	136194	19.865	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	107910	18.769	ug/l	76
28) Bromochloromethane	7.657	49	58269	16.561	ug/l #	44
29) Tetrahydrofuran	7.691	42	164439	100.039	ug/l #	81
30) Chloroform	7.820	83	182101	19.105	ug/l	100
31) Cyclohexane	8.094	56	138918	18.671	ug/l #	82
32) 1,1,1-Trichloroethane	8.016	97	166233	19.556	ug/l	95
36) 1,1-Dichloropropene	8.223	75	125309	19.089	ug/l	91
37) Ethyl Acetate	7.415	43	105581	18.880	ug/l	96
38) Carbon Tetrachloride	8.204	117	146504	19.350	ug/l	96
39) Methylcyclohexane	9.462	83	154071	20.782	ug/l	87
40) Benzene	8.461	78	392494	19.590	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068211.D
 Acq On : 19 Aug 2021 12:45
 Operator : JC/MD
 Sample : VN0819WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2021 6:50:13 PM

Quant Time: Aug 19 14:02:05 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	7.638	41	49878	19.535	ug/l #	73
42) 1,2-Dichloroethane	8.531	62	134502	19.708	ug/l	93
43) Isopropyl Acetate	8.563	43	176321	19.683	ug/l #	90
44) Trichloroethene	9.218	130	116614	19.355	ug/l	77
45) 1,2-Dichloropropane	9.491	63	93262	19.790	ug/l	96
46) Dibromomethane	9.580	93	74014	19.253	ug/l #	79
47) Bromodichloromethane	9.765	83	141671	19.831	ug/l	100
48) Methyl methacrylate	9.563	41	80032	21.439	ug/l #	84
49) 1,4-Dioxane	9.572	88	35407	392.410	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	560391	101.840	ug/l	90
52) Toluene	10.508	92	273903	20.053	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	140959	20.089	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	150740	19.828	ug/l #	84
55) 1,1,2-Trichloroethane	10.899	97	106929	19.590	ug/l	94
56) Ethyl methacrylate	10.765	69	138496	19.758	ug/l #	81
57) 1,3-Dichloropropane	11.047	76	163666	19.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	102382	81.761	ug/l #	84
59) 2-Hexanone	11.090	43	386465	101.147	ug/l	87
60) Dibromochloromethane	11.242	129	121865	19.790	ug/l	99
61) 1,2-Dibromoethane	11.347	107	113287	20.013	ug/l	99
64) Tetrachloroethene	10.980	164	117722	19.636	ug/l	89
65) Chlorobenzene	11.771	112	305713	19.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	117636	19.644	ug/l	99
67) Ethyl Benzene	11.846	91	504586	19.270	ug/l	94
68) m/p-Xylenes	11.956	106	414764	39.595	ug/l	80
69) o-Xylene	12.283	106	197004	19.464	ug/l	81
70) Styrene	12.296	104	319475	19.720	ug/l #	90
71) Bromoform	12.460	173	91302	19.012	ug/l #	97
73) Isopropylbenzene	12.583	105	510593	19.401	ug/l	95
74) N-amyl acetate	12.390	43	128347	18.729	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	151415	19.184	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	121113m	19.691	ug/l	
77) Bromobenzene	12.865	156	139336	19.217	ug/l	56
78) n-propylbenzene	12.924	91	557871	19.761	ug/l	90
79) 2-Chlorotoluene	13.010	91	338553	19.391	ug/l	84
80) 1,3,5-Trimethylbenzene	13.063	105	428329	20.118	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	36790	19.597	ug/l	91
82) 4-Chlorotoluene	13.109	91	327546	19.328	ug/l	84
83) tert-Butylbenzene	13.326	119	383830	20.302	ug/l	84
84) 1,2,4-Trimethylbenzene	13.372	105	422508	20.329	ug/l	90
85) sec-Butylbenzene	13.506	105	512197	20.575	ug/l	92
86) p-Isopropyltoluene	13.619	119	426666	20.764	ug/l	91
87) 1,3-Dichlorobenzene	13.619	146	243461	19.692	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	235731	18.821	ug/l	92
89) n-Butylbenzene	13.946	91	304024	19.834	ug/l	96
90) Hexachloroethane	14.214	117	77316	20.279	ug/l	77
91) 1,2-Dichlorobenzene	13.991	146	230590	19.589	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	22452	18.780	ug/l #	39
93) 1,2,4-Trichlorobenzene	15.265	180	95953	17.394	ug/l	98
94) Hexachlorobutadiene	15.373	225	62663	19.656	ug/l	98
95) Naphthalene	15.509	128	206861	16.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	91571	17.571	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
Data File : VN068211.D
Acq On : 19 Aug 2021 12:45
Operator : JC/MD
Sample : VN0819WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

Manual Integrations
APPROVED

MMDadoda
8/20/2021 6:50:13 PM

Quant Time: Aug 19 14:02:05 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

