

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068082.D
 Acq On : 12 Aug 2021 11:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 10:56:14 AM

Quant Time: Aug 13 05:39:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	431556	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	751503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	735200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	364107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	303658	49.703	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.400%
35) Dibromofluoromethane	8.021	113	240026	54.805	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.600%
50) Toluene-d8	10.443	98	988379	48.985	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.733	95	370403	50.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	218340	49.376	ug/l	99
3) Chloromethane	2.298	50	247646	45.084	ug/l	97
4) Vinyl Chloride	2.440	62	387411	45.204	ug/l	96
5) Bromomethane	2.815	94	336343	44.035	ug/l	99
6) Chloroethane	2.998	64	276651	41.632	ug/l	99
7) Trichlorofluoromethane	3.363	101	675307	43.484	ug/l	99
8) Diethyl Ether	3.818	74	248638	84.256	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.194	101	217287	48.536	ug/l	93
10) Methyl Iodide	4.409	142	276178	47.399	ug/l	90
11) Tert butyl alcohol	5.393	59	203729	248.887	ug/l	99
12) 1,1-Dichloroethene	4.164	96	200486	48.993	ug/l	83
13) Acrolein	4.036	56	152965	275.360	ug/l	99
14) Allyl chloride	4.832	41	337962	48.631	ug/l	96
15) Acrylonitrile	5.556	53	598310	260.786	ug/l	99
16) Acetone	4.288	43	615044	275.908	ug/l	93
17) Carbon Disulfide	4.516	76	527575	44.454	ug/l	98
18) Methyl Acetate	4.856	43	272144	50.779	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	783448	51.002	ug/l	99
20) Methylene Chloride	5.090	84	249244	48.413	ug/l	90
21) trans-1,2-Dichloroethene	5.589	96	229749	48.272	ug/l	87
22) Diisopropyl ether	6.500	45	785280	50.903	ug/l	# 95
23) Vinyl Acetate	6.433	43	3278136	225.826	ug/l	# 94
24) 1,1-Dichloroethane	6.382	63	435685	48.834	ug/l	98
25) 2-Butanone	7.340	43	861781	266.472	ug/l	92
26) 2,2-Dichloropropane	7.321	77	399695	51.223	ug/l	93
27) cis-1,2-Dichloroethene	7.324	96	282443	49.919	ug/l	86
28) Bromochloromethane	7.656	49	221582	52.073	ug/l	# 74
29) Tetrahydrofuran	7.689	42	536222	258.925	ug/l	91
30) Chloroform	7.817	83	485722	49.157	ug/l	98
31) Cyclohexane	8.094	56	388633	43.123	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	435133	50.982	ug/l	97
36) 1,1-Dichloropropene	8.222	75	354957	51.063	ug/l	96
37) Ethyl Acetate	7.415	43	338435	51.732	ug/l	99
38) Carbon Tetrachloride	8.206	117	375705	54.958	ug/l	99
39) Methylcyclohexane	9.461	83	402227	53.543	ug/l	90
40) Benzene	8.458	78	1077788	52.372	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068082.D
 Acq On : 12 Aug 2021 11:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 10:56:14 AM

Quant Time: Aug 13 05:39:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	173657	55.722	ug/l	92
42) 1,2-Dichloroethane	8.531	62	388820	51.154	ug/l	96
43) Isopropyl Acetate	8.563	43	579644	53.171	ug/l	95
44) Trichloroethene	9.217	130	282222	54.218	ug/l	83
45) 1,2-Dichloropropane	9.491	63	271667	52.983	ug/l	98
46) Dibromomethane	9.577	93	195224	52.662	ug/l	92
47) Bromodichloromethane	9.764	83	395855	56.029	ug/l	98
48) Methyl methacrylate	9.563	41	253306	46.759	ug/l	91
49) 1,4-Dioxane	9.571	88	99009	1141.798	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	1861285	235.072	ug/l	93
52) Toluene	10.507	92	740709	55.393	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	437335	48.781	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	440081	47.445	ug/l	89
55) 1,1,2-Trichloroethane	10.902	97	290950	56.121	ug/l	95
56) Ethyl methacrylate	10.765	69	436134	46.986	ug/l	89
57) 1,3-Dichloropropane	11.046	76	465967	55.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	361950	203.982	ug/l	91
59) 2-Hexanone	11.087	43	1376994	243.555	ug/l	92
60) Dibromochloromethane	11.242	129	316143	48.905	ug/l	99
61) 1,2-Dibromoethane	11.347	107	298759	56.113	ug/l	98
64) Tetrachloroethene	10.979	164	260183	49.412	ug/l	96
65) Chlorobenzene	11.773	112	816163	54.581	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.846	131	309266	51.245	ug/l	99
67) Ethyl Benzene	11.848	91	1468454	55.147	ug/l	96
68) m/p-Xylenes	11.956	106	1166102	100.230	ug/l	84
69) o-Xylene	12.283	106	568014	58.023	ug/l	85
70) Styrene	12.296	104	955124	49.500	ug/l	92
71) Bromoform	12.460	173	237151	50.428	ug/l #	99
73) Isopropylbenzene	12.580	105	1474574	49.638	ug/l	96
74) N-amyl acetate	12.390	43	497238	48.156	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	436248	48.597	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	361999m	49.505	ug/l	
77) Bromobenzene	12.865	156	350566	51.397	ug/l	72
78) n-propylbenzene	12.924	91	1684046	50.235	ug/l	95
79) 2-Chlorotoluene	13.010	91	1003831	49.132	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	1230598	51.108	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	125060	47.645	ug/l	92
82) 4-Chlorotoluene	13.106	91	1016503	49.555	ug/l	90
83) tert-Butylbenzene	13.326	119	1023808	51.137	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1225792	52.544	ug/l	92
85) sec-Butylbenzene	13.503	105	1463135	52.245	ug/l	96
86) p-Isopropyltoluene	13.618	119	1215051	54.534	ug/l	92
87) 1,3-Dichlorobenzene	13.618	146	663392	52.952	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	645415	52.168	ug/l	95
89) n-Butylbenzene	13.946	91	982364	51.418	ug/l	98
90) Hexachloroethane	14.214	117	214763	56.354	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	611218	51.811	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	71054	49.577	ug/l	63
93) 1,2,4-Trichlorobenzene	15.265	180	270859	51.175	ug/l	98
94) Hexachlorobutadiene	15.372	225	129505	52.830	ug/l	99
95) Naphthalene	15.509	128	756779	49.864	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	258318	51.563	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
Data File : VN068082.D
Acq On : 12 Aug 2021 11:11
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/13/2021 10:56:14 AM

Quant Time: Aug 13 05:39:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration

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

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

