

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058846.D
 Acq On : 18 Oct 2019 9:59
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 10:43:34 AM

Quant Time: Oct 19 00:07:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 23:49:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	419708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	672596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	631707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309100	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	307425	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.57	113	221491	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.08	98	867232	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	319057	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	260300	49.900	ug/l	100
3) Chloromethane	2.04	50	315410	50.288	ug/l	100
4) Vinyl Chloride	2.17	62	318478	51.033	ug/l	100
5) Bromomethane	2.54	94	199785	52.007	ug/l	100
6) Chloroethane	2.68	64	200267	51.744	ug/l	100
7) Trichlorofluoromethane	3.00	101	400673	52.925	ug/l	100
8) Diethyl Ether	3.39	74	133100	48.625	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	212182	49.832	ug/l	100
10) Methyl Iodide	3.93	142	290077	50.298	ug/l	100
11) Tert butyl alcohol	4.75	59	246918	255.028	ug/l	100
12) 1,1-Dichloroethene	3.71	96	203967	50.381	ug/l	100
13) Acrolein	3.58	56	181048	237.969	ug/l	100
14) Allyl chloride	4.30	41	418439	50.981	ug/l	100
15) Acrylonitrile	4.96	53	662054	271.554	ug/l	100
16) Acetone	3.79	43	799326	311.938	ug/l	100
17) Carbon Disulfide	4.03	76	659529	50.644	ug/l	100
18) Methyl Acetate	4.30	43	326945	52.259	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	741122	51.303	ug/l	100
20) Methylene Chloride	4.53	84	241473	47.280	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	227715	50.323	ug/l	100
22) Diisopropyl ether	5.92	45	846010	52.906	ug/l	100
23) Vinyl Acetate	5.87	43	3649258	282.732	ug/l	100
24) 1,1-Dichloroethane	5.82	63	462499	51.013	ug/l	100
25) 2-Butanone	6.81	43	1028315	284.354	ug/l	100
26) 2,2-Dichloropropane	6.80	77	405829	49.089	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	263482	49.817	ug/l	100
28) Bromochloromethane	7.17	49	157530	50.032	ug/l	100
29) Tetrahydrofuran	7.19	42	632583	273.314	ug/l	100
30) Chloroform	7.35	83	460816	50.437	ug/l	100
31) Cyclohexane	7.63	56	432066	49.668	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	403241	51.908	ug/l	100
36) 1,1-Dichloropropene	7.77	75	355593	51.773	ug/l	100
37) Ethyl Acetate	6.90	43	397152	56.550	ug/l	100
38) Carbon Tetrachloride	7.75	117	353485	52.819	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058846.D
 Acq On : 18 Oct 2019 9:59
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 10:43:34 AM

Quant Time: Oct 19 00:07:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 18 23:49:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	408861	51.577	ug/l	100
40) Benzene	8.02	78	1033801	52.295	ug/l	100
41) Methacrylonitrile	7.16	41	163586m	51.335	ug/l	
42) 1,2-Dichloroethane	8.11	62	390274	51.453	ug/l	100
43) Isopropyl Acetate	8.15	43	623613	52.531	ug/l	100
44) Trichloroethene	8.82	130	247826	50.760	ug/l	100
45) 1,2-Dichloropropane	9.11	63	281455	53.110	ug/l	100
46) Dibromomethane	9.20	93	175858	52.520	ug/l	100
47) Bromodichloromethane	9.39	83	366140	53.584	ug/l	100
48) Methyl methacrylate	9.19	41	294984	54.660	ug/l	100
49) 1,4-Dioxane	9.19	88	91719	1092.322	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1963817	292.580	ug/l	100
52) Toluene	10.15	92	634562	52.593	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	419090	53.516	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	449673	54.001	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	245516	49.684	ug/l	100
56) Ethyl methacrylate	10.42	69	398158	55.151	ug/l	100
57) 1,3-Dichloropropane	10.70	76	444244	52.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	861950	252.438	ug/l	100
59) 2-Hexanone	10.75	43	1529670	293.991	ug/l	100
60) Dibromochloromethane	10.90	129	273683	53.640	ug/l	100
61) 1,2-Dibromoethane	11.00	107	260157	52.520	ug/l	100
64) Tetrachloroethene	10.63	164	222691	50.079	ug/l	100
65) Chlorobenzene	11.43	112	658162	51.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	247579	51.839	ug/l	100
67) Ethyl Benzene	11.51	91	1234443	53.681	ug/l	100
68) m/p-Xylenes	11.62	106	917522	106.356	ug/l	100
69) o-Xylene	11.95	106	431405	51.745	ug/l	100
70) Styrene	11.97	104	725669	53.133	ug/l	100
71) Bromoform	12.13	173	193863	55.009	ug/l #	100
73) Isopropylbenzene	12.25	105	1182419	52.434	ug/l	100
74) N-amyl acetate	12.07	43	562616	55.090	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	393606	52.561	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	343703m	49.407	ug/l	
77) Bromobenzene	12.53	156	278776	50.731	ug/l	100
78) n-propylbenzene	12.59	91	1421574	54.026	ug/l	100
79) 2-Chlorotoluene	12.68	91	829694	50.815	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1023351	53.155	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	142092	54.824	ug/l	100
82) 4-Chlorotoluene	12.78	91	867556	51.802	ug/l	100
83) tert-Butylbenzene	13.00	119	852055	51.674	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1032383	53.943	ug/l	100
85) sec-Butylbenzene	13.17	105	1173229	53.942	ug/l	100
86) p-Isopropyltoluene	13.29	119	1057234	53.619	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	509080	50.407	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	508416	49.446	ug/l	100
89) n-Butylbenzene	13.62	91	967143	53.033	ug/l	100
90) Hexachloroethane	13.88	117	192978	54.152	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	503547	51.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	87403	49.833	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
Data File : VN058846.D
Acq On : 18 Oct 2019 9:59
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/21/2019 10:43:34 AM

Quant Time: Oct 19 00:07:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 18 23:49:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	297467	49.895	ug/l	100
94) Hexachlorobutadiene	15.01	225	159492	50.338	ug/l	100
95) Naphthalene	15.13	128	864836	50.582	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	288143	49.402	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101819\
Data File : VN058846.D
Acq On : 18 Oct 2019 9:59
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sampled :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
10/21/2019 10:43:34 AM

Quant Time: Oct 19 00:07:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 18 23:49:30 2019
Response via : Initial Calibration

