

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051339.D
 Acq On : 20 Sep 2018 14:41
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:48:10 PM

Quant Time: Sep 21 04:11:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	730903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	905481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	486403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	364400	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	7.59	113	369847	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	10.09	98	1422256	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	12.40	95	462760	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	284743	46.619	ug/l	100
3) Chloromethane	2.06	50	390485	45.063	ug/l	100
4) Vinyl Chloride	2.19	62	416851	48.418	ug/l	100
5) Bromomethane	2.56	94	280460	46.702	ug/l	100
6) Chloroethane	2.70	64	254994	48.193	ug/l	100
7) Trichlorofluoromethane	3.01	101	589007	47.854	ug/l	100
8) Diethyl Ether	3.41	74	195837	49.728	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	357962	47.398	ug/l	100
10) Methyl Iodide	3.95	142	579214	51.821	ug/l	100
11) Tert butyl alcohol	4.79	59	98856	235.377	ug/l	100
12) 1,1-Dichloroethene	3.74	96	333486	48.777	ug/l	100
13) Acrolein	3.61	56	127668	265.590	ug/l	100
14) Allyl chloride	4.33	41	476528	49.451	ug/l	100
15) Acrylonitrile	4.99	53	530315	249.162	ug/l	100
16) Acetone	3.82	43	341104	209.606	ug/l	100
17) Carbon Disulfide	4.05	76	997760	48.434	ug/l	100
18) Methyl Acetate	4.33	43	229009	40.953	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	850313	51.389	ug/l	100
20) Methylene Chloride	4.55	84	382934	47.026	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	358974	49.714	ug/l	100
22) Diisopropyl ether	5.95	45	994471	52.244	ug/l	100
23) Vinyl Acetate	5.90	43	3250559	264.004	ug/l	100
24) 1,1-Dichloroethane	5.85	63	630707	48.607	ug/l	100
25) 2-Butanone	6.84	43	537037	237.266	ug/l	100
26) 2,2-Dichloropropane	6.83	77	516766	48.198	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	400822	50.093	ug/l	100
28) Bromochloromethane	7.20	49	268672	49.959	ug/l	100
29) Tetrahydrofuran	7.21	42	363514	253.501	ug/l	100
30) Chloroform	7.37	83	651479	47.775	ug/l	100
31) Cyclohexane	7.65	56	570658	44.699	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	572427	48.721	ug/l	100
36) 1,1-Dichloropropene	7.80	75	503562	50.650	ug/l	100
37) Ethyl Acetate	6.93	43	247037	50.191	ug/l	100
38) Carbon Tetrachloride	7.77	117	527843	49.078	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051339.D
 Acq On : 20 Sep 2018 14:41
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 2:48:10 PM

Quant Time: Sep 21 04:11:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	617320	53.204	ug/l	100
40) Benzene	8.04	78	1518387	50.687	ug/l	100
41) Methacrylonitrile	7.17	41	132150	51.539	ug/l	100
42) 1,2-Dichloroethane	8.13	62	445386	49.219	ug/l	100
43) Isopropyl Acetate	8.17	43	447802	51.951	ug/l	100
44) Trichloroethene	8.84	130	424743	49.393	ug/l	100
45) 1,2-Dichloropropane	9.12	63	381181	49.727	ug/l	100
46) Dibromomethane	9.21	93	233628	49.441	ug/l	100
47) Bromodichloromethane	9.40	83	499644	49.570	ug/l	100
48) Methyl methacrylate	9.20	41	227932	51.869	ug/l	100
49) 1,4-Dioxane	9.20	88	66947	1030.175	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	1224728	264.142	ug/l	100
52) Toluene	10.16	92	968330	52.497	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	500134	51.679	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	592909	52.912	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	337862	48.833	ug/l	100
56) Ethyl methacrylate	10.43	69	404115	55.299	ug/l	100
57) 1,3-Dichloropropane	10.71	76	553667	50.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1007613	280.428	ug/l	100
59) 2-Hexanone	10.75	43	801738	256.479	ug/l	100
60) Dibromochloromethane	10.90	129	402870	49.933	ug/l	100
61) 1,2-Dibromoethane	11.00	107	335491	50.437	ug/l	100
64) Tetrachloroethene	10.63	164	395943	50.144	ug/l	100
65) Chlorobenzene	11.43	112	1084100	50.113	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	406793	49.395	ug/l	100
67) Ethyl Benzene	11.51	91	1797171	53.104	ug/l	100
68) m/p-Xylenes	11.62	106	1448802	108.969	ug/l	100
69) o-Xylene	11.95	106	686717	53.579	ug/l	100
70) Styrene	11.96	104	1106944	55.641	ug/l	100
71) Bromoform	12.13	173	284155	50.839	ug/l #	100
73) Isopropylbenzene	12.25	105	1829719	51.327	ug/l	100
74) N-amyl acetate	12.07	43	376198	49.327	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	396226	45.039	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	335065m	47.703	ug/l	
77) Bromobenzene	12.53	156	480608	48.796	ug/l	100
78) n-propylbenzene	12.59	91	2040840	52.513	ug/l	100
79) 2-Chlorotoluene	12.67	91	1199220	50.070	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1538210	53.227	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	108149	53.304	ug/l	100
82) 4-Chlorotoluene	12.77	91	1203339	51.692	ug/l	100
83) tert-Butylbenzene	12.99	119	1346873	52.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1549695	54.028	ug/l	100
85) sec-Butylbenzene	13.17	105	1803736	52.436	ug/l	100
86) p-Isopropyltoluene	13.29	119	1624969	54.280	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	830125	50.143	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	802892	50.029	ug/l	100
89) n-Butylbenzene	13.61	91	1268334	54.501	ug/l	100
90) Hexachloroethane	13.87	117	293530	45.784	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	794052	49.651	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54349	46.644	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
Data File : VN051339.D
Acq On : 20 Sep 2018 14:41
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
9/24/2018 2:48:10 PM

Quant Time: Sep 21 04:11:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	418168	57.038	ug/l	100
94) Hexachlorobutadiene	15.01	225	304495	49.060	ug/l	100
95) Naphthalene	15.13	128	745104	57.654	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	410745	56.311	ug/l	100

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

