

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058502.D
 Acq On : 3 Oct 2019 12:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:30:04 AM

Quant Time: Oct 04 03:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	361123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	607079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	219645	41.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.24%	
35) Dibromofluoromethane	7.57	113	160420	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	
50) Toluene-d8	10.09	98	614722	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	
62) 4-Bromofluorobenzene	12.41	95	228662	43.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	206942	52.262	ug/l	100
3) Chloromethane	2.03	50	233562	53.653	ug/l	99
4) Vinyl Chloride	2.17	62	226786	53.180	ug/l	100
5) Bromomethane	2.55	94	124600	55.008	ug/l	96
6) Chloroethane	2.68	64	132671	51.923	ug/l	98
7) Trichlorofluoromethane	3.00	101	264667	51.429	ug/l	97
8) Diethyl Ether	3.39	74	116145	52.308	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	185643	53.117	ug/l	97
10) Methyl Iodide	3.93	142	203767	52.581	ug/l	100
11) Tert butyl alcohol	4.75	59	151890	259.084	ug/l	98
12) 1,1-Dichloroethene	3.72	96	175029	51.379	ug/l	97
13) Acrolein	3.58	56	63370	339.849	ug/l	99
14) Allyl chloride	4.30	41	332473	53.629	ug/l	99
15) Acrylonitrile	4.95	53	478492	280.047	ug/l	100
16) Acetone	3.79	43	522860	290.646	ug/l	99
17) Carbon Disulfide	4.03	76	458428	51.050	ug/l	98
18) Methyl Acetate	4.29	43	231332	51.128	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	639608	53.212	ug/l	99
20) Methylene Chloride	4.52	84	214548	51.680	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	194694	51.394	ug/l	98
22) Diisopropyl ether	5.92	45	738473	55.354	ug/l	98
23) Vinyl Acetate	5.87	43	3012292	299.455	ug/l	99
24) 1,1-Dichloroethane	5.82	63	415056	55.280	ug/l	99
25) 2-Butanone	6.81	43	693627	280.831	ug/l	100
26) 2,2-Dichloropropane	6.80	77	335670	54.381	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	233010	52.627	ug/l	98
28) Bromochloromethane	7.17	49	142340	47.427	ug/l	96
29) Tetrahydrofuran	7.19	42	421132	268.642	ug/l	100
30) Chloroform	7.35	83	412490	54.215	ug/l	98
31) Cyclohexane	7.63	56	363025	49.706	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	341606	54.675	ug/l	99
36) 1,1-Dichloropropene	7.77	75	305498	52.628	ug/l	99
37) Ethyl Acetate	6.91	43	278979	56.685	ug/l	98
38) Carbon Tetrachloride	7.75	117	288513	55.063	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058502.D
 Acq On : 3 Oct 2019 12:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:30:04 AM

Quant Time: Oct 04 03:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	367547	54.220	ug/l	98
40) Benzene	8.02	78	906538	54.330	ug/l	99
41) Methacrylonitrile	7.15	41	124069m	54.797	ug/l	
42) 1,2-Dichloroethane	8.11	62	350090	53.929	ug/l	100
43) Isopropyl Acetate	8.15	43	476204	51.455	ug/l #	90
44) Trichloroethene	8.82	130	216440	52.533	ug/l	96
45) 1,2-Dichloropropane	9.11	63	250264	55.924	ug/l	98
46) Dibromomethane	9.20	93	155189	54.760	ug/l	97
47) Bromodichloromethane	9.39	83	321202	59.820	ug/l	99
48) Methyl methacrylate	9.19	41	233873	55.497	ug/l	100
49) 1,4-Dioxane	9.19	88	72136	1280.177	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1426301	300.030	ug/l	99
52) Toluene	10.15	92	557721	53.103	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	348935	59.705	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	385169	59.372	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	217628	56.908	ug/l	98
56) Ethyl methacrylate	10.43	69	337862	58.224	ug/l	100
57) 1,3-Dichloropropane	10.71	76	391891	57.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	669946	289.537	ug/l	98
59) 2-Hexanone	10.75	43	1055218	304.842	ug/l	99
60) Dibromochloromethane	10.90	129	225650	57.059	ug/l	99
61) 1,2-Dibromoethane	11.00	107	220624	56.461	ug/l	100
64) Tetrachloroethene	10.63	164	180408	51.092	ug/l	99
65) Chlorobenzene	11.43	112	597716	54.103	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	211606	56.850	ug/l	99
67) Ethyl Benzene	11.51	91	1116189	55.780	ug/l	99
68) m/p-Xylenes	11.62	106	812757	107.953	ug/l	97
69) o-Xylene	11.95	106	389356	53.723	ug/l	97
70) Styrene	11.97	104	669798	56.888	ug/l	100
71) Bromoform	12.13	173	145349	56.415	ug/l #	98
73) Isopropylbenzene	12.25	105	1085504	53.905	ug/l	100
74) N-amyl acetate	12.07	43	431553	53.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	321616	54.011	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	278670m	55.992	ug/l	
77) Bromobenzene	12.53	156	244391	51.759	ug/l	97
78) n-propylbenzene	12.60	91	1286842	56.722	ug/l	99
79) 2-Chlorotoluene	12.68	91	752901	53.767	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	930565	55.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	92638	56.531	ug/l	97
82) 4-Chlorotoluene	12.78	91	784843	54.927	ug/l	100
83) tert-Butylbenzene	13.00	119	771119	54.212	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	941565	55.750	ug/l	100
85) sec-Butylbenzene	13.18	105	1072467	57.284	ug/l	100
86) p-Isopropyltoluene	13.30	119	973712	59.085	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	460785	53.819	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	451491	53.002	ug/l	99
89) n-Butylbenzene	13.62	91	899099	60.229	ug/l	100
90) Hexachloroethane	13.88	117	155311	62.725	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	444813	54.071	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	58989	56.176	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
Data File : VN058502.D
Acq On : 3 Oct 2019 12:15
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/4/2019 9:30:04 AM

Quant Time: Oct 04 03:36:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	269838	59.359	ug/l	99
94) Hexachlorobutadiene	15.02	225	137009	58.638	ug/l	99
95) Naphthalene	15.13	128	716322	53.809	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	259891	57.028	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058502.D
 Acq On : 3 Oct 2019 12:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:30:04 AM

Quant Time: Oct 04 03:36:47 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

