

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058973.D
 Acq On : 25 Oct 2019 9:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 9:47:51 AM

Quant Time: Oct 25 23:11:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	361299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	567315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	542371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	267819	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.57	113	196961	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	10.08	98	768270	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.40	95	287304	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	214447	47.605	ug/l	99
3) Chloromethane	2.04	50	263592	47.246	ug/l	99
4) Vinyl Chloride	2.17	62	273395	49.354	ug/l	99
5) Bromomethane	2.53	94	158962	45.825	ug/l	96
6) Chloroethane	2.68	64	169938	47.838	ug/l	99
7) Trichlorofluoromethane	2.99	101	339153	49.481	ug/l	99
8) Diethyl Ether	3.38	74	120414	50.837	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	185199	48.739	ug/l	99
10) Methyl Iodide	3.92	142	211634	42.347	ug/l	100
11) Tert butyl alcohol	4.75	59	215678	245.270	ug/l	99
12) 1,1-Dichloroethene	3.71	96	175074	49.154	ug/l	98
13) Acrolein	3.58	56	178449	295.345	ug/l	99
14) Allyl chloride	4.29	41	366530	50.856	ug/l	98
15) Acrylonitrile	4.95	53	584744	264.360	ug/l	99
16) Acetone	3.79	43	721865	275.683	ug/l	99
17) Carbon Disulfide	4.02	76	526451	45.885	ug/l	100
18) Methyl Acetate	4.29	43	302579	50.827	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	656898	52.671	ug/l	98
20) Methylene Chloride	4.52	84	215402	48.177	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	197558	50.225	ug/l	98
22) Diisopropyl ether	5.92	45	760872	53.973	ug/l	97
23) Vinyl Acetate	5.86	43	3199036	282.448	ug/l	100
24) 1,1-Dichloroethane	5.82	63	409211	50.061	ug/l	99
25) 2-Butanone	6.81	43	894061	263.034	ug/l	99
26) 2,2-Dichloropropane	6.80	77	360989	51.056	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	227957	50.732	ug/l	99
28) Bromochloromethane	7.17	49	140039	51.441	ug/l	99
29) Tetrahydrofuran	7.18	42	550633	264.816	ug/l	100
30) Chloroform	7.35	83	405682	49.476	ug/l	99
31) Cyclohexane	7.63	56	361582	47.482	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	345800	50.034	ug/l	99
36) 1,1-Dichloropropene	7.77	75	303658	52.282	ug/l	99
37) Ethyl Acetate	6.90	43	339488	53.643	ug/l	99
38) Carbon Tetrachloride	7.75	117	301840	50.445	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
 Data File : VN058973.D
 Acq On : 25 Oct 2019 9:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 9:47:51 AM

Quant Time: Oct 25 23:11:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	338556	51.913	ug/l	100
40) Benzene	8.02	78	903406	52.969	ug/l	98
41) Methacrylonitrile	7.15	41	159093m	56.443	ug/l	
42) 1,2-Dichloroethane	8.10	62	334908	50.976	ug/l	99
43) Isopropyl Acetate	8.15	43	545496	53.745	ug/l	99
44) Trichloroethene	8.82	130	215271	51.814	ug/l	99
45) 1,2-Dichloropropane	9.10	63	251164	53.704	ug/l	100
46) Dibromomethane	9.19	93	152970	51.738	ug/l	99
47) Bromodichloromethane	9.39	83	326521	53.583	ug/l	100
48) Methyl methacrylate	9.18	41	256140	55.623	ug/l	98
49) 1,4-Dioxane	9.19	88	92014	1217.215	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1731568	292.080	ug/l	99
52) Toluene	10.15	92	562201	55.586	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	370499	54.922	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	399349	55.410	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	223406	53.619	ug/l	99
56) Ethyl methacrylate	10.42	69	354050	50.562	ug/l	99
57) 1,3-Dichloropropane	10.70	76	393411	53.798	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	758741	256.574	ug/l	100
59) 2-Hexanone	10.75	43	1348953	294.463	ug/l	99
60) Dibromochloromethane	10.90	129	245634	54.771	ug/l	98
61) 1,2-Dibromoethane	11.00	107	230388	54.031	ug/l	99
64) Tetrachloroethene	10.63	164	195982	51.596	ug/l	98
65) Chlorobenzene	11.43	112	585646	53.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	221307	53.112	ug/l	99
67) Ethyl Benzene	11.51	91	1087054	56.120	ug/l	98
68) m/p-Xylenes	11.62	106	807919	112.471	ug/l	100
69) o-Xylene	11.95	106	380471	55.535	ug/l	99
70) Styrene	11.96	104	647081	51.129	ug/l	99
71) Bromoform	12.13	173	175950	54.455	ug/l #	99
73) Isopropylbenzene	12.25	105	1043391	53.083	ug/l	99
74) N-amyl acetate	12.07	43	480795	53.955	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	345476	49.986	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	298900m	47.951	ug/l	
77) Bromobenzene	12.53	156	251761	51.965	ug/l	98
78) n-propylbenzene	12.59	91	1274054	54.836	ug/l	99
79) 2-Chlorotoluene	12.68	91	742095	52.186	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	900967	54.556	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	124743	52.133	ug/l	97
82) 4-Chlorotoluene	12.78	91	774437	53.292	ug/l	100
83) tert-Butylbenzene	13.00	119	742453	52.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	910412	55.891	ug/l	99
85) sec-Butylbenzene	13.17	105	1030243	54.718	ug/l	99
86) p-Isopropyltoluene	13.29	119	937280	56.418	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	461856	53.314	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	456425	52.625	ug/l	99
89) n-Butylbenzene	13.62	91	848884	55.624	ug/l	99
90) Hexachloroethane	13.88	117	171013	50.800	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	450469	52.906	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	72847	46.601	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102619\
Data File : VN058973.D
Acq On : 25 Oct 2019 9:08
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/28/2019 9:47:51 AM

Quant Time: Oct 25 23:11:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	270302	50.407	ug/l	99
94) Hexachlorobutadiene	15.01	225	142120	51.498	ug/l	98
95) Naphthalene	15.13	128	746237	48.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	259867	49.810	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102619\
Data File : VN058973.D
Acq On : 25 Oct 2019 9:08
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/28/2019 9:47:51 AM

Quant Time: Oct 25 23:11:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

