

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\
 Data File : VN058994.D
 Acq On : 28 Oct 2019 14:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 3:53:12 PM

Quant Time: Oct 29 14:02:22 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	396611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	624221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	582123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	290812	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	277915	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
35) Dibromofluoromethane	7.57	113	211437	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.08	98	804345	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	303946	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	217344	43.953	ug/l	99
3) Chloromethane	2.04	50	262445	42.852	ug/l	100
4) Vinyl Chloride	2.17	62	273761	45.020	ug/l	98
5) Bromomethane	2.54	94	165574	43.481	ug/l	94
6) Chloroethane	2.68	64	173309	44.443	ug/l	96
7) Trichlorofluoromethane	3.00	101	356238	47.346	ug/l	100
8) Diethyl Ether	3.38	74	130351	50.133	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	199769	47.893	ug/l	99
10) Methyl Iodide	3.93	142	248516	45.300	ug/l	100
11) Tert butyl alcohol	4.74	59	212974	220.631	ug/l	99
12) 1,1-Dichloroethene	3.71	96	187835	48.042	ug/l	98
13) Acrolein	3.58	56	127834	192.736	ug/l	99
14) Allyl chloride	4.29	41	360759	45.598	ug/l	94
15) Acrylonitrile	4.95	53	596070	245.488	ug/l	99
16) Acetone	3.79	43	668563	232.594	ug/l	99
17) Carbon Disulfide	4.03	76	539648	42.847	ug/l	100
18) Methyl Acetate	4.29	43	316586	48.445	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	713103	52.087	ug/l	98
20) Methylene Chloride	4.52	84	231754	47.219	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	209371	48.489	ug/l	99
22) Diisopropyl ether	5.92	45	835650	54.000	ug/l	94
23) Vinyl Acetate	5.86	43	3403527	273.748	ug/l	99
24) 1,1-Dichloroethane	5.82	63	441042	49.151	ug/l	99
25) 2-Butanone	6.81	43	877099	235.069	ug/l	97
26) 2,2-Dichloropropane	6.80	77	390845	50.357	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	250669	50.820	ug/l	99
28) Bromochloromethane	7.17	49	146442	49.003	ug/l	99
29) Tetrahydrofuran	7.18	42	552178	241.915	ug/l	100
30) Chloroform	7.35	83	438418	48.708	ug/l	99
31) Cyclohexane	7.63	56	389386	46.580	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	377526	49.761	ug/l	99
36) 1,1-Dichloropropene	7.77	75	328699	51.434	ug/l	100
37) Ethyl Acetate	6.90	43	346035	49.693	ug/l	99
38) Carbon Tetrachloride	7.75	117	326354	49.570	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\
 Data File : VN058994.D
 Acq On : 28 Oct 2019 14:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 3:53:12 PM

Quant Time: Oct 29 14:02:22 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	378242	52.711	ug/l	99
40) Benzene	8.02	78	975694	51.992	ug/l	98
41) Methacrylonitrile	7.16	41	178087m	57.422	ug/l	
42) 1,2-Dichloroethane	8.10	62	359335	49.708	ug/l	100
43) Isopropyl Acetate	8.14	43	574186	51.414	ug/l	99
44) Trichloroethene	8.82	130	235555	51.528	ug/l	97
45) 1,2-Dichloropropane	9.10	63	273790	53.205	ug/l	98
46) Dibromomethane	9.19	93	166777	51.266	ug/l	98
47) Bromodichloromethane	9.39	83	352553	52.581	ug/l	99
48) Methyl methacrylate	9.18	41	265353	52.370	ug/l	97
49) 1,4-Dioxane	9.18	88	84418	1014.926	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1747826	267.946	ug/l	99
52) Toluene	10.15	92	600882	53.994	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	401170	54.047	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	432615	54.554	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	238695	52.066	ug/l	98
56) Ethyl methacrylate	10.42	69	377729	49.090	ug/l	98
57) 1,3-Dichloropropane	10.70	76	421781	52.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	811473	249.549	ug/l	100
59) 2-Hexanone	10.75	43	1324235	262.715	ug/l	99
60) Dibromochloromethane	10.90	129	267179	54.144	ug/l	99
61) 1,2-Dibromoethane	11.00	107	243144	51.825	ug/l	100
64) Tetrachloroethene	10.63	164	206022	50.535	ug/l	98
65) Chlorobenzene	11.43	112	633840	53.483	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	242052	54.124	ug/l	99
67) Ethyl Benzene	11.51	91	1167847	56.174	ug/l	98
68) m/p-Xylenes	11.62	106	868021	112.586	ug/l	100
69) o-Xylene	11.95	106	414253	56.337	ug/l	98
70) Styrene	11.96	104	697452	51.338	ug/l	99
71) Bromoform	12.13	173	187616	54.101	ug/l #	98
73) Isopropylbenzene	12.25	105	1134029	53.359	ug/l	99
74) N-amyl acetate	12.07	43	504409	52.351	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	370447	49.572	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	362883m	53.841	ug/l	
77) Bromobenzene	12.53	156	271995	51.923	ug/l	95
78) n-propylbenzene	12.59	91	1365449	54.353	ug/l	100
79) 2-Chlorotoluene	12.68	91	797592	51.874	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	978673	54.808	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	132898	51.367	ug/l	96
82) 4-Chlorotoluene	12.78	91	835232	53.156	ug/l	100
83) tert-Butylbenzene	13.00	119	829753	54.341	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	976134	55.423	ug/l	99
85) sec-Butylbenzene	13.17	105	1124776	55.250	ug/l	98
86) p-Isopropyltoluene	13.29	119	1024037	57.008	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	497723	53.137	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	489700	52.218	ug/l	99
89) n-Butylbenzene	13.62	91	938813	56.894	ug/l	100
90) Hexachloroethane	13.88	117	187192	51.427	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	486789	52.875	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	73837	43.684	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102819\
Data File : VN058994.D
Acq On : 28 Oct 2019 14:42
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/30/2019 3:53:12 PM

Quant Time: Oct 29 14:02:22 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	14.92	180	288392	49.773	ug/l	100
94) Hexachlorobutadiene	15.01	225	154975	51.936	ug/l	99
95) Naphthalene	15.13	128	762560	45.967	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	272391	48.360	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102819\
Data File : VN058994.D
Acq On : 28 Oct 2019 14:42
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/30/2019 3:53:12 PM

Quant Time: Oct 29 14:02:22 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

