

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058895.D
 Acq On : 21 Oct 2019 17:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 4:55:51 PM

Quant Time: Oct 22 05:02:45 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	7.65	168	431541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	690667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	647945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	315787	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	307873	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
35) Dibromofluoromethane	7.57	113	225174	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
50) Toluene-d8	10.08	98	878911	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	327292	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	254159	47.237	ug/l	98
3) Chloromethane	2.04	50	301981	45.317	ug/l	99
4) Vinyl Chloride	2.17	62	314075	47.469	ug/l	97
5) Bromomethane	2.54	94	194334	46.903	ug/l	97
6) Chloroethane	2.68	64	200989	47.369	ug/l	99
7) Trichlorofluoromethane	3.00	101	377260	46.082	ug/l	99
8) Diethyl Ether	3.39	74	140905	49.805	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	215603	47.505	ug/l	99
10) Methyl Iodide	3.93	142	289349	48.474	ug/l	99
11) Tert butyl alcohol	4.76	59	249837	237.870	ug/l	100
12) 1,1-Dichloroethene	3.72	96	209644	49.280	ug/l	99
13) Acrolein	3.58	56	144865	200.735	ug/l	100
14) Allyl chloride	4.30	41	424623	49.326	ug/l	98
15) Acrylonitrile	4.96	53	662919	250.920	ug/l	99
16) Acetone	3.79	43	706010	225.741	ug/l	100
17) Carbon Disulfide	4.03	76	631128	46.054	ug/l	100
18) Methyl Acetate	4.30	43	341681	48.053	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	770309	51.711	ug/l	100
20) Methylene Chloride	4.52	84	248370	46.508	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	230691	49.103	ug/l	97
22) Diisopropyl ether	5.93	45	869629	51.647	ug/l	97
23) Vinyl Acetate	5.87	43	3741199	276.551	ug/l	99
24) 1,1-Dichloroethane	5.82	63	474684	48.619	ug/l	99
25) 2-Butanone	6.81	43	987985	243.354	ug/l	99
26) 2,2-Dichloropropane	6.80	77	419810	49.711	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	269971	50.303	ug/l	99
28) Bromochloromethane	7.18	49	161142	49.558	ug/l	100
29) Tetrahydrofuran	7.19	42	630772	253.979	ug/l	99
30) Chloroform	7.35	83	468900	47.878	ug/l	99
31) Cyclohexane	7.63	56	437663	48.118	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	413109	50.043	ug/l	99
36) 1,1-Dichloropropene	7.77	75	358650	50.721	ug/l	100
37) Ethyl Acetate	6.91	43	398584	51.733	ug/l	99
38) Carbon Tetrachloride	7.76	117	361233	49.589	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058895.D
 Acq On : 21 Oct 2019 17:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 4:55:51 PM

Quant Time: Oct 22 05:02:45 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	412715	51.981	ug/l	99
40) Benzene	8.02	78	1046421	50.396	ug/l	98
41) Methacrylonitrile	7.15	41	146420m	42.669	ug/l	
42) 1,2-Dichloroethane	8.11	62	396322	49.550	ug/l	100
43) Isopropyl Acetate	8.15	43	641371	51.905	ug/l	100
44) Trichloroethene	8.82	130	256011	50.615	ug/l	97
45) 1,2-Dichloropropane	9.10	63	289326	50.815	ug/l	98
46) Dibromomethane	9.20	93	178220	49.513	ug/l	99
47) Bromodichloromethane	9.39	83	375477	50.612	ug/l	99
48) Methyl methacrylate	9.19	41	295414	52.694	ug/l	99
49) 1,4-Dioxane	9.19	88	91050	989.348	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1979082	274.209	ug/l	99
52) Toluene	10.15	92	648335	52.653	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	427621	52.069	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	457002	52.085	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	252892	49.856	ug/l	99
56) Ethyl methacrylate	10.43	69	410301	48.231	ug/l	99
57) 1,3-Dichloropropane	10.70	76	452134	50.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	883385	245.619	ug/l	100
59) 2-Hexanone	10.75	43	1508439	270.468	ug/l	100
60) Dibromochloromethane	10.90	129	279459	51.185	ug/l	99
61) 1,2-Dibromoethane	11.00	107	262414	50.551	ug/l	100
64) Tetrachloroethene	10.63	164	220943	48.690	ug/l	99
65) Chlorobenzene	11.43	112	674439	51.128	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	253887	51.003	ug/l	99
67) Ethyl Benzene	11.51	91	1265420	54.684	ug/l	98
68) m/p-Xylenes	11.62	106	934121	108.852	ug/l	100
69) o-Xylene	11.95	106	445369	54.416	ug/l	99
70) Styrene	11.97	104	743100	49.215	ug/l	100
71) Bromoform	12.13	173	199494	51.682	ug/l #	100
73) Isopropylbenzene	12.25	105	1218367	52.793	ug/l	99
74) N-amyl acetate	12.07	43	569290	54.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	396470	48.858	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	344751m	47.105	ug/l	
77) Bromobenzene	12.53	156	282875	49.729	ug/l	99
78) n-propylbenzene	12.59	91	1450640	53.177	ug/l	100
79) 2-Chlorotoluene	12.68	91	848453	50.818	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1044009	53.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	142718	50.800	ug/l	99
82) 4-Chlorotoluene	12.78	91	876769	51.387	ug/l	100
83) tert-Butylbenzene	13.00	119	884807	53.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1052376	55.026	ug/l	99
85) sec-Butylbenzene	13.17	105	1200042	54.285	ug/l	98
86) p-Isopropyltoluene	13.29	119	1084595	55.604	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	520707	51.194	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	520758	51.138	ug/l	100
89) n-Butylbenzene	13.62	91	980978	54.748	ug/l	100
90) Hexachloroethane	13.88	117	197701	50.019	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	512367	51.252	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	86951	47.375	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
Data File : VN058895.D
Acq On : 21 Oct 2019 17:42
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/22/2019 4:55:51 PM

Quant Time: Oct 22 05:02:45 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	299778	47.754	ug/l	99
94) Hexachlorobutadiene	15.01	225	157792	48.698	ug/l	98
95) Naphthalene	15.13	128	864044	47.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	292132	47.793	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102119\
Data File : VN058895.D
Acq On : 21 Oct 2019 17:42
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/22/2019 4:55:51 PM

Quant Time: Oct 22 05:02:45 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

