

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064006.D
 Acq On : 8 Oct 2020 22:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:53:03 PM

Quant Time: Oct 09 06:56:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	268467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217593	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.55	113	157836	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.06	98	558217	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.38	95	207521	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	116288	41.051	ug/l	97
3) Chloromethane	2.04	50	155704	46.844	ug/l	98
4) Vinyl Chloride	2.16	62	153265	45.936	ug/l	99
5) Bromomethane	2.52	94	93752	44.673	ug/l	97
6) Chloroethane	2.66	64	104649	52.490	ug/l	100
7) Trichlorofluoromethane	2.98	101	242253	45.781	ug/l	100
8) Diethyl Ether	3.37	74	96092	53.695	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	123931	43.818	ug/l	98
10) Methyl Iodide	3.91	142	161192	49.085	ug/l	98
11) Tert butyl alcohol	4.73	59	161808	330.445	ug/l	100
12) 1,1-Dichloroethene	3.69	96	128228	47.432	ug/l	98
13) Acrolein	3.57	56	115108	383.016	ug/l	99
14) Allyl chloride	4.28	41	275592	54.873	ug/l	91
15) Acrylonitrile	4.93	53	432238	308.380	ug/l	99
16) Acetone	3.77	43	407611	298.547	ug/l	99
17) Carbon Disulfide	4.01	76	333757	45.738	ug/l	99
18) Methyl Acetate	4.28	43	229794	64.824	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	542033	55.187	ug/l	99
20) Methylene Chloride	4.50	84	167069	53.417	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	145517	48.056	ug/l	93
22) Diisopropyl ether	5.90	45	609981	59.031	ug/l	98
23) Vinyl Acetate	5.84	43	2510939	293.345	ug/l	99
24) 1,1-Dichloroethane	5.80	63	316894	53.635	ug/l	100
25) 2-Butanone	6.78	43	629465	325.190	ug/l	99
26) 2,2-Dichloropropane	6.78	77	233178	43.096	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	179179	51.450	ug/l	98
28) Bromochloromethane	7.15	49	167393	57.323	ug/l	98
29) Tetrahydrofuran	7.17	42	430949	331.946	ug/l	96
30) Chloroform	7.33	83	328473	53.320	ug/l	94
31) Cyclohexane	7.61	56	222089	43.132	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	278315	50.087	ug/l	98
36) 1,1-Dichloropropene	7.75	75	213764	47.156	ug/l	99
37) Ethyl Acetate	6.88	43	262301	58.241	ug/l	99
38) Carbon Tetrachloride	7.73	117	230977	45.440	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064006.D
 Acq On : 8 Oct 2020 22:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:53:03 PM

Quant Time: Oct 09 06:56:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	187694	41.520	ug/l	96
40) Benzene	8.00	78	667410	51.547	ug/l	100
41) Methacrylonitrile	7.13	41	107176m	53.545	ug/l	
42) 1,2-Dichloroethane	8.08	62	280172	50.693	ug/l	100
43) Isopropyl Acetate	8.13	43	435571	58.634	ug/l	100
44) Trichloroethene	8.80	130	160662	47.359	ug/l	97
45) 1,2-Dichloropropane	9.08	63	187587	53.646	ug/l	99
46) Dibromomethane	9.17	93	126310	52.362	ug/l	99
47) Bromodichloromethane	9.37	83	259482	52.194	ug/l	98
48) Methyl methacrylate	9.17	41	226201	61.632	ug/l	90
49) 1,4-Dioxane	9.16	88	66963	1283.756	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1393645	319.683	ug/l	100
52) Toluene	10.13	92	404542	50.514	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	278231	52.210	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	290655	52.151	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	174181	54.233	ug/l	99
56) Ethyl methacrylate	10.40	69	270588	59.438	ug/l	94
57) 1,3-Dichloropropane	10.68	76	297378	54.729	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	726814	298.466	ug/l	98
59) 2-Hexanone	10.72	43	1018685	314.557	ug/l	99
60) Dibromochloromethane	10.87	129	197973	52.930	ug/l	100
61) 1,2-Dibromoethane	10.98	107	181911	55.371	ug/l	99
64) Tetrachloroethene	10.60	164	142889	44.175	ug/l	98
65) Chlorobenzene	11.41	112	427101	49.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	174487	53.070	ug/l	98
67) Ethyl Benzene	11.48	91	763701	48.938	ug/l	100
68) m/p-Xylenes	11.59	106	565514	97.231	ug/l	98
69) o-Xylene	11.92	106	278914	51.307	ug/l	98
70) Styrene	11.94	104	484878	52.545	ug/l	98
71) Bromoform	12.10	173	138464	55.064	ug/l #	98
73) Isopropylbenzene	12.22	105	714493	49.564	ug/l	99
74) N-amyl acetate	12.05	43	375378	55.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	259085	58.774	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	239986m	55.084	ug/l	
77) Bromobenzene	12.50	156	187264	52.941	ug/l	97
78) n-propylbenzene	12.57	91	816617	48.675	ug/l	100
79) 2-Chlorotoluene	12.65	91	518076	50.211	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	611640	50.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	85593	56.584	ug/l	98
82) 4-Chlorotoluene	12.75	91	546803	51.049	ug/l	100
83) tert-Butylbenzene	12.97	119	480402	48.562	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	612484	50.725	ug/l	97
85) sec-Butylbenzene	13.15	105	622987	47.947	ug/l	100
86) p-Isopropyltoluene	13.26	119	560600	48.771	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	319803	49.975	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	321112	48.193	ug/l	99
89) n-Butylbenzene	13.59	91	457354	43.110	ug/l	99
90) Hexachloroethane	13.85	117	106378	47.759	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	328748	51.867	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	56762	54.907	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064006.D
Acq On : 8 Oct 2020 22:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/9/2020 4:53:03 PM

Quant Time: Oct 09 06:56:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	144134	42.104	ug/l	97
94) Hexachlorobutadiene	14.98	225	80718	46.973	ug/l	98
95) Naphthalene	15.10	128	465432	43.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	145952	43.860	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100820\
Data File : VN064006.D
Acq On : 8 Oct 2020 22:28
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/9/2020 4:53:03 PM

Quant Time: Oct 09 06:56:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

