

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060543.D
 Acq On : 17 Mar 2020 9:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 5:34:56 PM

Quant Time: Mar 18 06:50:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	341407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146794	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	129792	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	7.56	113	99172	62.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.16%	
50) Toluene-d8	10.08	98	384933	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	12.40	95	146670	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	77563	40.409	ug/l	99
3) Chloromethane	2.03	50	145370	43.500	ug/l	99
4) Vinyl Chloride	2.16	62	115555	40.320	ug/l	99
5) Bromomethane	2.53	94	52992	45.731	ug/l	98
6) Chloroethane	2.68	64	73259	47.178	ug/l	96
7) Trichlorofluoromethane	3.00	101	167583	45.766	ug/l	99
8) Diethyl Ether	3.38	74	70094	50.700	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	103359	49.876	ug/l	99
10) Methyl Iodide	3.92	142	80188	42.398	ug/l	99
11) Tert butyl alcohol	4.72	59	108828	272.861	ug/l	100
12) 1,1-Dichloroethene	3.71	96	97302	48.376	ug/l	100
13) Acrolein	3.57	56	113012	303.728	ug/l	99
14) Allyl chloride	4.29	41	181377	48.909	ug/l	97
15) Acrylonitrile	4.94	53	310597	295.450	ug/l	99
16) Acetone	3.78	43	327112	377.118	ug/l	99
17) Carbon Disulfide	4.03	76	229767	42.949	ug/l	99
18) Methyl Acetate	4.28	43	164989	56.997	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	384565	52.662	ug/l	98
20) Methylene Chloride	4.52	84	117620	49.376	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	103922	48.075	ug/l	94
22) Diisopropyl ether	5.91	45	421037	56.050	ug/l	99
23) Vinyl Acetate	5.85	43	1672271	280.156	ug/l	98
24) 1,1-Dichloroethane	5.82	63	223933	52.664	ug/l	100
25) 2-Butanone	6.79	43	462309	329.971	ug/l	99
26) 2,2-Dichloropropane	6.79	77	198618	51.309	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	130500	47.244	ug/l	98
28) Bromochloromethane	7.17	49	83850	48.029	ug/l	95
29) Tetrahydrofuran	7.18	42	275966	283.256	ug/l	97
30) Chloroform	7.34	83	218892	51.712	ug/l	99
31) Cyclohexane	7.63	56	182378	50.269	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	185585	49.484	ug/l	100
36) 1,1-Dichloropropene	7.77	75	154797	47.575	ug/l	99
37) Ethyl Acetate	6.89	43	174358	56.593	ug/l	99
38) Carbon Tetrachloride	7.75	117	147437	46.540	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060543.D
 Acq On : 17 Mar 2020 9:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 5:34:56 PM

Quant Time: Mar 18 06:50:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	176475	46.001	ug/l	97
40) Benzene	8.02	78	478214	50.496	ug/l	99
41) Methacrylonitrile	7.14	41	71455m	50.229	ug/l	
42) 1,2-Dichloroethane	8.10	62	171541	50.196	ug/l	99
43) Isopropyl Acetate	8.14	43	303336	56.239	ug/l	99
44) Trichloroethene	8.82	130	125223	47.477	ug/l	100
45) 1,2-Dichloropropane	9.10	63	135461	54.709	ug/l	100
46) Dibromomethane	9.19	93	80295	49.978	ug/l	99
47) Bromodichloromethane	9.38	83	173730	53.167	ug/l	99
48) Methyl methacrylate	9.18	41	133669	54.346	ug/l	96
49) 1,4-Dioxane	9.18	88	38344	1108.578	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	886881	290.009	ug/l	100
52) Toluene	10.14	92	293881	49.401	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	202346	50.537	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	215923	52.044	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	121546	50.807	ug/l	97
56) Ethyl methacrylate	10.42	69	191099	55.602	ug/l	96
57) 1,3-Dichloropropane	10.70	76	208753	53.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	489214	272.159	ug/l	98
59) 2-Hexanone	10.74	43	675129	300.679	ug/l	99
60) Dibromochloromethane	10.89	129	129875	53.383	ug/l	99
61) 1,2-Dibromoethane	10.99	107	120677	51.746	ug/l	98
64) Tetrachloroethene	10.62	164	121187	49.281	ug/l	99
65) Chlorobenzene	11.42	112	311291	49.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	119569	51.298	ug/l	100
67) Ethyl Benzene	11.50	91	583223	50.803	ug/l	99
68) m/p-Xylenes	11.61	106	425421	98.219	ug/l	99
69) o-Xylene	11.94	106	207999	50.359	ug/l	100
70) Styrene	11.96	104	346612	51.041	ug/l	100
71) Bromoform	12.12	173	92969	55.342	ug/l #	99
73) Isopropylbenzene	12.24	105	562093	51.662	ug/l	100
74) N-amyl acetate	12.06	43	263655	55.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	172462	58.313	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	156934m	48.727	ug/l	
77) Bromobenzene	12.52	156	133384	50.012	ug/l	94
78) n-propylbenzene	12.59	91	659260	51.692	ug/l	99
79) 2-Chlorotoluene	12.67	91	388826	51.865	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	473017	51.636	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	66511	57.007	ug/l #	84
82) 4-Chlorotoluene	12.77	91	402267	50.930	ug/l	98
83) tert-Butylbenzene	12.99	119	400349	50.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	468868	50.709	ug/l	100
85) sec-Butylbenzene	13.17	105	539086	50.757	ug/l	99
86) p-Isopropyltoluene	13.28	119	484576	49.294	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	239882	52.353	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	238940	52.453	ug/l	99
89) n-Butylbenzene	13.61	91	444738	49.284	ug/l	99
90) Hexachloroethane	13.87	117	71729	50.411	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	230844	49.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	34401	51.364	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060543.D
Acq On : 17 Mar 2020 9:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/18/2020 5:34:56 PM

Quant Time: Mar 18 06:50:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	143777	48.421	ug/l	100
94) Hexachlorobutadiene	15.01	225	72602	53.224	ug/l	99
95) Naphthalene	15.13	128	421864	48.223	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	139120	49.746	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060543.D
Acq On : 17 Mar 2020 9:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/18/2020 5:34:56 PM

Quant Time: Mar 18 06:50:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

