

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056869.D
 Acq On : 23 Jul 2019 9:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 1:13:54 PM

Quant Time: Jul 24 01:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	395034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	566229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	509489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	199176	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
35) Dibromofluoromethane	7.59	113	183508	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.09	98	700358	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	237949	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	232887	48.218	ug/l	99
3) Chloromethane	2.06	50	251355	45.591	ug/l	98
4) Vinyl Chloride	2.18	62	244974	48.369	ug/l	100
5) Bromomethane	2.56	94	142345	46.206	ug/l	100
6) Chloroethane	2.70	64	131601	47.415	ug/l	98
7) Trichlorofluoromethane	3.01	101	301772	48.771	ug/l	98
8) Diethyl Ether	3.40	74	106748	46.301	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	190374	49.750	ug/l	99
10) Methyl Iodide	3.94	142	264219	49.121	ug/l	99
11) Tert butyl alcohol	4.80	59	152260	254.374	ug/l	99
12) 1,1-Dichloroethene	3.72	96	185930	48.501	ug/l	96
13) Acrolein	3.60	56	113288	227.467	ug/l	98
14) Allyl chloride	4.31	41	301647	47.861	ug/l	100
15) Acrylonitrile	4.99	53	446043	247.648	ug/l	99
16) Acetone	3.82	43	432134	284.793	ug/l	99
17) Carbon Disulfide	4.04	76	498739	47.666	ug/l	99
18) Methyl Acetate	4.32	43	241561	48.518	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	542700	47.916	ug/l	99
20) Methylene Chloride	4.54	84	206898	45.601	ug/l	100
21) trans-1,2-Dichloroethene	5.03	96	196209	48.998	ug/l	97
22) Diisopropyl ether	5.95	45	612323	48.057	ug/l	99
23) Vinyl Acetate	5.89	43	2271169	246.762	ug/l	100
24) 1,1-Dichloroethane	5.84	63	352430	47.741	ug/l	100
25) 2-Butanone	6.84	43	600494	269.240	ug/l	99
26) 2,2-Dichloropropane	6.82	77	263969	51.102	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	219944	47.910	ug/l	99
28) Bromochloromethane	7.19	49	160618	47.932	ug/l	99
29) Tetrahydrofuran	7.21	42	383426	250.042	ug/l	99
30) Chloroform	7.37	83	342597	46.294	ug/l	99
31) Cyclohexane	7.65	56	339371	47.384	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	289721	48.393	ug/l	99
36) 1,1-Dichloropropene	7.79	75	271615	52.016	ug/l	99
37) Ethyl Acetate	6.93	43	232173	55.135	ug/l	100
38) Carbon Tetrachloride	7.77	117	252611	50.818	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056869.D
 Acq On : 23 Jul 2019 9:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 1:13:54 PM

Quant Time: Jul 24 01:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	347900	53.243	ug/l	98
40) Benzene	8.04	78	810740	49.984	ug/l	99
41) Methacrylonitrile	7.17	41	103520	49.513	ug/l	98
42) 1,2-Dichloroethane	8.12	62	251723	49.669	ug/l	100
43) Isopropyl Acetate	8.16	43	370222	51.142	ug/l	100
44) Trichloroethene	8.83	130	222939	51.319	ug/l	99
45) 1,2-Dichloropropane	9.12	63	214635	49.121	ug/l	98
46) Dibromomethane	9.20	93	136311	50.541	ug/l	97
47) Bromodichloromethane	9.40	83	260290	51.319	ug/l	99
48) Methyl methacrylate	9.20	41	184539	50.958	ug/l	99
49) 1,4-Dioxane	9.20	88	77800	1095.251	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1151234	266.684	ug/l	100
52) Toluene	10.15	92	502434	51.476	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	279132	53.622	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	322820	52.602	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	192754	49.755	ug/l	99
56) Ethyl methacrylate	10.43	69	293669	54.607	ug/l	99
57) 1,3-Dichloropropane	10.71	76	326065	50.848	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	622436	245.910	ug/l	99
59) 2-Hexanone	10.75	43	862124	288.521	ug/l	99
60) Dibromochloromethane	10.90	129	207112	53.278	ug/l	100
61) 1,2-Dibromoethane	11.00	107	201658	52.413	ug/l	99
64) Tetrachloroethene	10.63	164	228072	52.180	ug/l	99
65) Chlorobenzene	11.43	112	537780	50.793	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	198059	49.619	ug/l	100
67) Ethyl Benzene	11.51	91	955639	52.284	ug/l	100
68) m/p-Xylenes	11.62	106	727183	106.272	ug/l	99
69) o-Xylene	11.94	106	343661	51.447	ug/l	98
70) Styrene	11.96	104	594838	50.739	ug/l	100
71) Bromoform	12.12	173	145377	52.557	ug/l #	99
73) Isopropylbenzene	12.25	105	933800	51.156	ug/l	100
74) N-amyl acetate	12.07	43	326312	46.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	261971	50.156	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	235372m	47.155	ug/l	
77) Bromobenzene	12.52	156	244879	46.612	ug/l	99
78) n-propylbenzene	12.59	91	1093993	49.416	ug/l	100
79) 2-Chlorotoluene	12.67	91	616846	50.718	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	814321	52.881	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	79231	50.839	ug/l	99
82) 4-Chlorotoluene	12.77	91	635961	48.284	ug/l	100
83) tert-Butylbenzene	12.99	119	700597	52.456	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	809895	48.537	ug/l	100
85) sec-Butylbenzene	13.17	105	940049	47.941	ug/l	100
86) p-Isopropyltoluene	13.28	119	873896	50.027	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	418462	49.690	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	413156	50.501	ug/l	99
89) n-Butylbenzene	13.61	91	739919	55.092	ug/l	100
90) Hexachloroethane	13.87	117	136974	44.912	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	405044	47.853	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	44340	48.113	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
Data File : VN056869.D
Acq On : 23 Jul 2019 9:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/24/2019 1:13:54 PM

Quant Time: Jul 24 01:30:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	228836	50.274	ug/l	98
94) Hexachlorobutadiene	15.01	225	157302	56.038	ug/l	98
95) Naphthalene	15.13	128	553977	47.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	233857	50.324	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
Data File : VN056869.D
Acq On : 23 Jul 2019 9:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/24/2019 1:13:54 PM

Quant Time: Jul 24 01:30:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration

