

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056129.D
 Acq On : 8 Jun 2019 4:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 11:25:23 AM

Quant Time: Jun 08 07:28:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	286469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	418353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	381225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172431	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	147144	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	7.59	113	133953	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	10.09	98	502886	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	174694	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	150272	47.765	ug/l	100
3) Chloromethane	2.06	50	161860	52.123	ug/l	99
4) Vinyl Chloride	2.18	62	161077	51.711	ug/l	99
5) Bromomethane	2.53	94	96940	49.266	ug/l	99
6) Chloroethane	2.68	64	91137	50.463	ug/l	98
7) Trichlorofluoromethane	3.00	101	195001	49.037	ug/l	100
8) Diethyl Ether	3.40	74	79043	48.335	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	119527	49.482	ug/l	99
10) Methyl Iodide	3.94	142	185225	48.252	ug/l	99
11) Tert butyl alcohol	4.82	59	130554	263.753	ug/l	98
12) 1,1-Dichloroethene	3.72	96	120148	49.960	ug/l	98
13) Acrolein	3.60	56	39772	278.598	ug/l	98
14) Allyl chloride	4.31	41	184792	48.663	ug/l	98
15) Acrylonitrile	4.99	53	348811	289.485	ug/l	99
16) Acetone	3.82	43	279186	205.226	ug/l	100
17) Carbon Disulfide	4.04	76	252265	43.810	ug/l	100
18) Methyl Acetate	4.32	43	155433	58.262	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	398384	51.970	ug/l	100
20) Methylene Chloride	4.54	84	145302	51.843	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	130977	50.831	ug/l	97
22) Diisopropyl ether	5.95	45	413075	52.622	ug/l	99
23) Vinyl Acetate	5.90	43	1633934	264.316	ug/l	100
24) 1,1-Dichloroethane	5.84	63	236708	52.276	ug/l	100
25) 2-Butanone	6.84	43	451547	262.710	ug/l	100
26) 2,2-Dichloropropane	6.82	77	110212	31.192	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	153484	50.674	ug/l	95
28) Bromochloromethane	7.19	49	116059	54.200	ug/l	99
29) Tetrahydrofuran	7.22	42	298724	281.162	ug/l	99
30) Chloroform	7.37	83	238600	52.381	ug/l	99
31) Cyclohexane	7.65	56	208981	46.302	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	192957	50.728	ug/l	99
36) 1,1-Dichloropropene	7.79	75	173917	48.347	ug/l	99
37) Ethyl Acetate	6.93	43	181061	56.569	ug/l	99
38) Carbon Tetrachloride	7.77	117	160624	48.432	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056129.D
 Acq On : 8 Jun 2019 4:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 11:25:23 AM

Quant Time: Jun 08 07:28:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	206780	46.144	ug/l	99
40) Benzene	8.04	78	560604	51.311	ug/l	100
41) Methacrylonitrile	7.17	41	87278	59.267	ug/l	98
42) 1,2-Dichloroethane	8.12	62	176543	50.234	ug/l	99
43) Isopropyl Acetate	8.17	43	274544	52.933	ug/l	93
44) Trichloroethene	8.83	130	158708	50.552	ug/l	99
45) 1,2-Dichloropropane	9.12	63	147604	52.743	ug/l	100
46) Dibromomethane	9.21	93	95847	52.375	ug/l	99
47) Bromodichloromethane	9.40	83	169964	51.244	ug/l	99
48) Methyl methacrylate	9.20	41	139052	54.800	ug/l	97
49) 1,4-Dioxane	9.20	88	61462	1121.974	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	899471	277.320	ug/l	99
52) Toluene	10.16	92	351998	51.775	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	166444	43.148	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	196800	49.363	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	142769	53.014	ug/l	99
56) Ethyl methacrylate	10.43	69	214022	54.474	ug/l	97
57) 1,3-Dichloropropane	10.71	76	231797	52.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	390083	250.393	ug/l	100
59) 2-Hexanone	10.75	43	632653	269.125	ug/l	99
60) Dibromochloromethane	10.90	129	137849	46.587	ug/l	100
61) 1,2-Dibromoethane	11.00	107	147438	53.553	ug/l	98
64) Tetrachloroethene	10.63	164	168415	51.036	ug/l	98
65) Chlorobenzene	11.43	112	377898	49.808	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	134468	51.329	ug/l	100
67) Ethyl Benzene	11.51	91	653459	49.531	ug/l	99
68) m/p-Xylenes	11.62	106	505224	100.247	ug/l	99
69) o-Xylene	11.95	106	250777	50.586	ug/l	99
70) Styrene	11.96	104	419377	53.243	ug/l	99
71) Bromoform	12.13	173	97798	44.769	ug/l #	100
73) Isopropylbenzene	12.25	105	649172	52.961	ug/l	100
74) N-amyl acetate	12.07	43	234504	51.019	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	199111	49.742	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	157087m	49.510	ug/l	
77) Bromobenzene	12.53	156	179176	48.535	ug/l	95
78) n-propylbenzene	12.59	91	697403	47.808	ug/l	100
79) 2-Chlorotoluene	12.67	91	432503	53.621	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	539726	46.554	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39807	41.782	ug/l #	85
82) 4-Chlorotoluene	12.77	91	415298	48.662	ug/l	99
83) tert-Butylbenzene	12.99	119	485242	54.171	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	533859	48.558	ug/l	99
85) sec-Butylbenzene	13.17	105	610252	47.238	ug/l	100
86) p-Isopropyltoluene	13.29	119	550433	47.608	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	286739	50.185	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	272067	49.500	ug/l	100
89) n-Butylbenzene	13.61	91	408602	47.707	ug/l	99
90) Hexachloroethane	13.87	117	81682	46.847	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	284731	49.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30329	52.973	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056129.D
Acq On : 8 Jun 2019 4:31
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/10/2019 11:25:23 AM

Quant Time: Jun 08 07:28:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	133524	42.686	ug/l	99
94) Hexachlorobutadiene	15.01	225	99374	50.236	ug/l	97
95) Naphthalene	15.13	128	358889	44.015	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	148613	46.123	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
Data File : VN056129.D
Acq On : 8 Jun 2019 4:31
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/10/2019 11:25:23 AM

Quant Time: Jun 08 07:28:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

