

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056057.D
 Acq On : 6 Jun 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 9:37:10 AM

Quant Time: Jun 07 06:37:47 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	303077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	454109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	408477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182195	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	156968	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.59	113	141444	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.09	98	543629	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	186904	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	167311	50.248	ug/l	100
3) Chloromethane	2.06	50	175857	53.527	ug/l	99
4) Vinyl Chloride	2.18	62	174231	52.869	ug/l	100
5) Bromomethane	2.53	94	109059	52.388	ug/l	98
6) Chloroethane	2.68	64	99508	52.078	ug/l	100
7) Trichlorofluoromethane	3.00	101	214692	51.031	ug/l	99
8) Diethyl Ether	3.40	74	88139	50.944	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	133514	52.243	ug/l	98
10) Methyl Iodide	3.94	142	195480	48.133	ug/l	99
11) Tert butyl alcohol	4.82	59	144886	276.667	ug/l	100
12) 1,1-Dichloroethene	3.72	96	132511	52.082	ug/l	97
13) Acrolein	3.60	56	45849	303.567	ug/l	98
14) Allyl chloride	4.31	41	211407	52.621	ug/l	98
15) Acrylonitrile	4.99	53	376889	295.647	ug/l	99
16) Acetone	3.82	43	326248	226.678	ug/l	99
17) Carbon Disulfide	4.04	76	298986	49.079	ug/l	99
18) Methyl Acetate	4.33	43	165936	58.796	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	433405	53.441	ug/l	100
20) Methylene Chloride	4.54	84	153827	51.877	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	141553	51.925	ug/l	97
22) Diisopropyl ether	5.96	45	442588	53.292	ug/l	98
23) Vinyl Acetate	5.90	43	1843002	281.799	ug/l	100
24) 1,1-Dichloroethane	5.84	63	252450	52.697	ug/l	100
25) 2-Butanone	6.84	43	504191	277.264	ug/l	99
26) 2,2-Dichloropropane	6.82	77	171703	45.932	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	168125	52.466	ug/l	97
28) Bromochloromethane	7.19	49	121843	53.783	ug/l	99
29) Tetrahydrofuran	7.22	42	329763	293.368	ug/l	99
30) Chloroform	7.37	83	255327	52.982	ug/l	100
31) Cyclohexane	7.65	56	232793	48.751	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	211720	52.610	ug/l	99
36) 1,1-Dichloropropene	7.79	75	188939	48.388	ug/l	99
37) Ethyl Acetate	6.93	43	198831	57.230	ug/l	100
38) Carbon Tetrachloride	7.77	117	176430	49.009	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056057.D
 Acq On : 6 Jun 2019 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 9:37:10 AM

Quant Time: Jun 07 06:37:47 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	233315	47.966	ug/l	99
40) Benzene	8.04	78	604380	50.962	ug/l	99
41) Methacrylonitrile	7.17	41	93776	58.666	ug/l	97
42) 1,2-Dichloroethane	8.12	62	188943	49.529	ug/l	100
43) Isopropyl Acetate	8.17	43	304419	54.072	ug/l	99
44) Trichloroethene	8.83	130	168757	49.521	ug/l	99
45) 1,2-Dichloropropane	9.12	63	157717	51.920	ug/l	100
46) Dibromomethane	9.21	93	102696	51.699	ug/l	99
47) Bromodichloromethane	9.40	83	188237	52.285	ug/l	97
48) Methyl methacrylate	9.20	41	151872	55.140	ug/l	97
49) 1,4-Dioxane	9.20	88	66238	1113.951	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	980666	278.546	ug/l	99
52) Toluene	10.15	92	379307	51.399	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	196732	46.770	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	230254	53.207	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	152425	52.143	ug/l	98
56) Ethyl methacrylate	10.43	69	232787	54.585	ug/l	99
57) 1,3-Dichloropropane	10.71	76	249343	52.470	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	401937	238.442	ug/l	100
59) 2-Hexanone	10.75	43	691386	270.952	ug/l	99
60) Dibromochloromethane	10.90	129	153218	47.645	ug/l	100
61) 1,2-Dibromoethane	11.00	107	159771	53.464	ug/l	99
64) Tetrachloroethene	10.63	164	170905	48.335	ug/l	97
65) Chlorobenzene	11.43	112	410930	50.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147539	52.561	ug/l	100
67) Ethyl Benzene	11.51	91	706231	49.960	ug/l	98
68) m/p-Xylenes	11.62	106	543162	100.584	ug/l	99
69) o-Xylene	11.95	106	266654	50.200	ug/l	99
70) Styrene	11.96	104	445921	52.836	ug/l	100
71) Bromoform	12.13	173	109663	46.723	ug/l #	99
73) Isopropylbenzene	12.25	105	700139	54.110	ug/l	100
74) N-amyl acetate	12.07	43	251708	51.827	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	214801	50.786	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	176669m	52.698	ug/l	
77) Bromobenzene	12.53	156	188099	48.221	ug/l	98
78) n-propylbenzene	12.59	91	753682	48.897	ug/l	100
79) 2-Chlorotoluene	12.67	91	460778	54.085	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	578993	47.265	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51104	50.764	ug/l	92
82) 4-Chlorotoluene	12.77	91	447059	49.576	ug/l	100
83) tert-Butylbenzene	12.99	119	506188	53.444	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	571450	49.192	ug/l	100
85) sec-Butylbenzene	13.17	105	657382	48.159	ug/l	99
86) p-Isopropyltoluene	13.29	119	598817	49.017	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	301084	49.871	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	289107	49.781	ug/l	99
89) n-Butylbenzene	13.61	91	453870	50.153	ug/l	100
90) Hexachloroethane	13.87	117	91396	49.609	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	299672	49.165	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33304	55.052	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
Data File : VN056057.D
Acq On : 6 Jun 2019 19:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/7/2019 9:37:10 AM

Quant Time: Jun 07 06:37:47 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	146420	44.139	ug/l	100
94) Hexachlorobutadiene	15.01	225	106536	51.003	ug/l	99
95) Naphthalene	15.13	128	415476	47.856	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	162384	47.593	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060719\
Data File : VN056057.D
Acq On : 6 Jun 2019 19:57
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/7/2019 9:37:10 AM

Quant Time: Jun 07 06:37:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

