

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053434.D
 Acq On : 17 Jan 2019 14:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 1:17:31 PM

Quant Time: Jan 18 00:18:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	815085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1186932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1084365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	554330	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	408709	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.59	113	364298	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.09	98	1491829	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	530818	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	322750	49.250	ug/l	99
3) Chloromethane	2.06	50	436324	46.568	ug/l	98
4) Vinyl Chloride	2.19	62	427928	47.380	ug/l	98
5) Bromomethane	2.57	94	291353	47.014	ug/l	99
6) Chloroethane	2.71	64	255358	46.764	ug/l	98
7) Trichlorofluoromethane	3.02	101	583115	49.359	ug/l	98
8) Diethyl Ether	3.41	74	223711	50.419	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	378659	50.611	ug/l	99
10) Methyl Iodide	3.96	142	555795	48.612	ug/l	100
11) Tert butyl alcohol	4.77	59	120224	304.973	ug/l	100
12) 1,1-Dichloroethene	3.74	96	355757	49.024	ug/l	99
13) Acrolein	3.61	56	150291	200.345	ug/l	99
14) Allyl chloride	4.33	41	551169	46.759	ug/l	95
15) Acrylonitrile	4.98	53	690015	265.968	ug/l	100
16) Acetone	3.81	43	518763	274.455	ug/l	98
17) Carbon Disulfide	4.06	76	1038365	47.317	ug/l	100
18) Methyl Acetate	4.32	43	331016	51.979	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	984800	51.074	ug/l	99
20) Methylene Chloride	4.55	84	411080	47.636	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	383066	49.375	ug/l	98
22) Diisopropyl ether	5.95	45	1240266	50.402	ug/l	98
23) Vinyl Acetate	5.90	43	3996996	264.239	ug/l	100
24) 1,1-Dichloroethane	5.85	63	719356	49.451	ug/l	100
25) 2-Butanone	6.83	43	816208	280.218	ug/l	100
26) 2,2-Dichloropropane	6.83	77	545699	49.685	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	445243	50.186	ug/l	99
28) Bromochloromethane	7.20	49	313102	48.857	ug/l	99
29) Tetrahydrofuran	7.21	42	515594	271.907	ug/l	99
30) Chloroform	7.37	83	705791	49.797	ug/l	100
31) Cyclohexane	7.65	56	681447	48.127	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	595275	49.511	ug/l	100
36) 1,1-Dichloropropene	7.79	75	559496	51.759	ug/l	100
37) Ethyl Acetate	6.93	43	344381	55.375	ug/l	99
38) Carbon Tetrachloride	7.78	117	530083	51.797	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053434.D
 Acq On : 17 Jan 2019 14:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 1:17:31 PM

Quant Time: Jan 18 00:18:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	705129	52.777	ug/l	99
40) Benzene	8.04	78	1666787	50.742	ug/l	100
41) Methacrylonitrile	7.18	41	203719	55.059	ug/l	97
42) 1,2-Dichloroethane	8.12	62	491644	51.375	ug/l	99
43) Isopropyl Acetate	8.16	43	615208	55.015	ug/l	100
44) Trichloroethene	8.84	130	467672	51.340	ug/l	99
45) 1,2-Dichloropropane	9.12	63	440885	50.674	ug/l	98
46) Dibromomethane	9.21	93	258294	51.672	ug/l	99
47) Bromodichloromethane	9.40	83	548308	52.159	ug/l	100
48) Methyl methacrylate	9.20	41	307538	53.264	ug/l	99
49) 1,4-Dioxane	9.20	88	70799	1255.555	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1737249	284.585	ug/l	99
52) Toluene	10.16	92	1048986	51.439	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	568136	53.320	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	656877	52.589	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	374570	53.276	ug/l	99
56) Ethyl methacrylate	10.43	69	495040	49.630	ug/l	99
57) 1,3-Dichloropropane	10.71	76	638592	52.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1312351	266.813	ug/l	99
59) 2-Hexanone	10.75	43	1242809	290.017	ug/l	99
60) Dibromochloromethane	10.90	129	426138	53.439	ug/l	100
61) 1,2-Dibromoethane	11.01	107	379752	53.407	ug/l	99
64) Tetrachloroethene	10.63	164	529202	51.786	ug/l	99
65) Chlorobenzene	11.43	112	1175261	51.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	415884	52.084	ug/l	98
67) Ethyl Benzene	11.51	91	2046037	52.306	ug/l	100
68) m/p-Xylenes	11.62	106	1573626	106.552	ug/l	100
69) o-Xylene	11.95	106	758087	52.826	ug/l	100
70) Styrene	11.96	104	1262792	54.219	ug/l	100
71) Bromoform	12.13	173	306039	55.673	ug/l #	100
73) Isopropylbenzene	12.25	105	2044716	50.370	ug/l	100
74) N-amyl acetate	12.07	43	578868	53.493	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	428535	50.335	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	394128m	53.953	ug/l	
77) Bromobenzene	12.53	156	536473	50.154	ug/l	99
78) n-propylbenzene	12.59	91	2410966	51.741	ug/l	99
79) 2-Chlorotoluene	12.68	91	1383287	50.083	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1709768	51.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	140749	48.824	ug/l	98
82) 4-Chlorotoluene	12.77	91	1440871	51.156	ug/l	100
83) tert-Butylbenzene	12.99	119	1492382	51.159	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1730297	51.957	ug/l	99
85) sec-Butylbenzene	13.17	105	2094459	52.352	ug/l	100
86) p-Isopropyltoluene	13.29	119	1842049	53.028	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	968650	51.481	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	966871	51.228	ug/l	99
89) n-Butylbenzene	13.62	91	1612134	54.445	ug/l	100
90) Hexachloroethane	13.88	117	288188	52.898	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	912913	52.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	65482	60.659	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
Data File : VN053434.D
Acq On : 17 Jan 2019 14:48
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
1/18/2019 1:17:31 PM

Quant Time: Jan 18 00:18:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	438632	57.018	ug/l	99
94) Hexachlorobutadiene	15.01	225	312894	57.944	ug/l	100
95) Naphthalene	15.13	128	745286	55.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	324509	57.435	ug/l	99

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

