

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056884.D
 Acq On : 23 Jul 2019 17:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 1:14:12 PM

Quant Time: Jul 24 02:23:02 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	318104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	478099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	430812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190558	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	190144	56.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.08%	
35) Dibromofluoromethane	7.59	113	169843	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
50) Toluene-d8	10.09	98	640838	55.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.56%	
62) 4-Bromofluorobenzene	12.40	95	214548	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	202687	52.151	ug/l	99
3) Chloromethane	2.06	50	232302	52.325	ug/l	100
4) Vinyl Chloride	2.18	62	211809	51.934	ug/l	99
5) Bromomethane	2.55	94	121084	48.810	ug/l	97
6) Chloroethane	2.70	64	115562	51.705	ug/l	99
7) Trichlorofluoromethane	3.01	101	261404	52.464	ug/l	99
8) Diethyl Ether	3.41	74	98320	52.959	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	164491	53.382	ug/l	100
10) Methyl Iodide	3.94	142	239170	55.202	ug/l	99
11) Tert butyl alcohol	4.81	59	142643	295.939	ug/l	98
12) 1,1-Dichloroethene	3.72	96	163219	52.873	ug/l	99
13) Acrolein	3.60	56	90450	225.532	ug/l	97
14) Allyl chloride	4.31	41	271117	53.420	ug/l	100
15) Acrylonitrile	4.99	53	415636	286.574	ug/l	99
16) Acetone	3.82	43	314413	257.322	ug/l	100
17) Carbon Disulfide	4.04	76	424061	50.330	ug/l	99
18) Methyl Acetate	4.33	43	231801	58.182	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	498828	54.694	ug/l	99
20) Methylene Chloride	4.54	84	188342	51.550	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	171109	53.063	ug/l	98
22) Diisopropyl ether	5.96	45	566384	55.201	ug/l	99
23) Vinyl Acetate	5.90	43	2097920	283.062	ug/l	100
24) 1,1-Dichloroethane	5.85	63	323452	54.412	ug/l	99
25) 2-Butanone	6.84	43	517833	288.327	ug/l	99
26) 2,2-Dichloropropane	6.82	77	223323	53.688	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	200376	54.203	ug/l	99
28) Bromochloromethane	7.19	49	156587	58.030	ug/l	100
29) Tetrahydrofuran	7.22	42	353975	286.662	ug/l	99
30) Chloroform	7.37	83	315925	53.014	ug/l	99
31) Cyclohexane	7.65	56	300192	52.051	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	263226	54.601	ug/l	99
36) 1,1-Dichloropropene	7.79	75	239635	54.351	ug/l	99
37) Ethyl Acetate	6.93	43	214383	60.295	ug/l	99
38) Carbon Tetrachloride	7.77	117	227806	54.275	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056884.D
 Acq On : 23 Jul 2019 17:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 1:14:12 PM

Quant Time: Jul 24 02:23:02 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	299755	54.331	ug/l	98
40) Benzene	8.04	78	737672	53.862	ug/l	98
41) Methacrylonitrile	7.17	41	104200	59.025	ug/l	95
42) 1,2-Dichloroethane	8.12	62	232661	54.370	ug/l	100
43) Isopropyl Acetate	8.17	43	348150	56.958	ug/l	100
44) Trichloroethene	8.83	130	200204	54.581	ug/l	99
45) 1,2-Dichloropropane	9.12	63	199348	54.032	ug/l	97
46) Dibromomethane	9.21	93	123604	54.278	ug/l	100
47) Bromodichloromethane	9.40	83	236384	55.197	ug/l	99
48) Methyl methacrylate	9.20	41	172985	56.573	ug/l	99
49) 1,4-Dioxane	9.20	88	67287	1121.862	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1060515	290.954	ug/l	100
52) Toluene	10.15	92	453382	55.013	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	253255	57.619	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	290422	56.047	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	178441	54.551	ug/l	99
56) Ethyl methacrylate	10.43	69	266016	58.583	ug/l	99
57) 1,3-Dichloropropane	10.71	76	301486	55.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	563680	263.334	ug/l	100
59) 2-Hexanone	10.75	43	747554	296.295	ug/l	99
60) Dibromochloromethane	10.90	129	186609	56.852	ug/l	99
61) 1,2-Dibromoethane	11.00	107	183054	56.348	ug/l	100
64) Tetrachloroethene	10.63	164	204562	55.349	ug/l	99
65) Chlorobenzene	11.43	112	482930	53.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	183847	54.470	ug/l	99
67) Ethyl Benzene	11.51	91	859721	55.627	ug/l	99
68) m/p-Xylenes	11.62	106	639797	110.577	ug/l	98
69) o-Xylene	11.95	106	308780	54.668	ug/l	98
70) Styrene	11.96	104	525084	52.946	ug/l	99
71) Bromoform	12.13	173	132779	56.769	ug/l #	98
73) Isopropylbenzene	12.25	105	826742	57.724	ug/l	100
74) N-amyl acetate	12.07	43	292075	52.202	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	240873	58.924	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	210435m	53.286	ug/l	
77) Bromobenzene	12.53	156	219879	52.899	ug/l	100
78) n-propylbenzene	12.59	91	917016	52.355	ug/l	100
79) 2-Chlorotoluene	12.67	91	546334	57.180	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	694362	57.283	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	70643	57.292	ug/l	98
82) 4-Chlorotoluene	12.77	91	533196	51.167	ug/l	99
83) tert-Butylbenzene	12.99	119	600144	57.092	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	691032	52.344	ug/l	100
85) sec-Butylbenzene	13.17	105	786546	50.699	ug/l	100
86) p-Isopropyltoluene	13.29	119	716546	51.846	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	345331	51.829	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	337982	52.216	ug/l	100
89) n-Butylbenzene	13.61	91	579107	54.499	ug/l	100
90) Hexachloroethane	13.87	117	122383	50.719	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	347526	51.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39115	53.646	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
Data File : VN056884.D
Acq On : 23 Jul 2019 17:27
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/24/2019 1:14:12 PM

Quant Time: Jul 24 02:23:02 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	14.91	180	170586	47.607	ug/l	100
94) Hexachlorobutadiene	15.00	225	124657	56.134	ug/l	99
95) Naphthalene	15.13	128	457696	49.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	184506	50.190	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072319\
Data File : VN056884.D
Acq On : 23 Jul 2019 17:27
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/24/2019 1:14:12 PM

Quant Time: Jul 24 02:23:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration

