

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055748.D
 Acq On : 23 May 2019 11:25
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:22:15 AM

Quant Time: May 24 06:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 05:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	341628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	500381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	222693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	513236	138.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.58%	
35) Dibromofluoromethane	7.59	113	462386	145.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.44%	
50) Toluene-d8	10.09	98	1776870	147.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.44%	
62) 4-Bromofluorobenzene	12.40	95	630081	151.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	315788	122.394	ug/l	99
3) Chloromethane	2.06	50	447316	128.545	ug/l	99
4) Vinyl Chloride	2.18	62	482701	128.596	ug/l	100
5) Bromomethane	2.52	94	251252m	104.546	ug/l	
6) Chloroethane	2.67	64	276728	131.261	ug/l	99
7) Trichlorofluoromethane	3.00	101	639545	132.908	ug/l	100
8) Diethyl Ether	3.40	74	281398	143.723	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	403193	137.115	ug/l	99
10) Methyl Iodide	3.94	142	640646	150.102	ug/l	100
11) Tert butyl alcohol	4.82	59	487101	698.362	ug/l	100
12) 1,1-Dichloroethene	3.72	96	417028	134.737	ug/l	99
13) Acrolein	3.60	56	347679	866.617	ug/l	98
14) Allyl chloride	4.31	41	724374	144.771	ug/l	99
15) Acrylonitrile	4.99	53	1140512	736.089	ug/l	100
16) Acetone	3.82	43	1050219	685.632	ug/l	99
17) Carbon Disulfide	4.03	76	1181263	137.386	ug/l	100
18) Methyl Acetate	4.32	43	465088	142.036	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1393316	136.420	ug/l	100
20) Methylene Chloride	4.54	84	472583	136.379	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	449899	136.635	ug/l	98
22) Diisopropyl ether	5.96	45	1425529	143.291	ug/l	96
23) Vinyl Acetate	5.90	43	6134370	726.875	ug/l	100
24) 1,1-Dichloroethane	5.84	63	804487	138.830	ug/l	100
25) 2-Butanone	6.84	43	1568126	734.614	ug/l	100
26) 2,2-Dichloropropane	6.82	77	664008	129.383	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	527009	136.977	ug/l	99
28) Bromochloromethane	7.19	49	382644	149.548	ug/l	99
29) Tetrahydrofuran	7.21	42	990142	701.587	ug/l	100
30) Chloroform	7.37	83	810980	135.870	ug/l	100
31) Cyclohexane	7.65	56	742221	134.258	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	720609	134.856	ug/l	99
36) 1,1-Dichloropropene	7.79	75	619527	139.584	ug/l	100
37) Ethyl Acetate	6.93	43	610465	151.784	ug/l	99
38) Carbon Tetrachloride	7.77	117	646655	136.084	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055748.D
 Acq On : 23 May 2019 11:25
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:22:15 AM

Quant Time: May 24 06:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 05:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	786417	146.100	ug/l	99
40) Benzene	8.04	78	1892350	144.096	ug/l	100
41) Methacrylonitrile	7.17	41	304032	174.138	ug/l	97
42) 1,2-Dichloroethane	8.12	62	615359	144.971	ug/l	99
43) Isopropyl Acetate	8.17	43	1043417	148.914	ug/l #	92
44) Trichloroethene	8.83	130	538359	145.410	ug/l	100
45) 1,2-Dichloropropane	9.12	63	497974	144.095	ug/l	99
46) Dibromomethane	9.21	93	330024	145.683	ug/l	99
47) Bromodichloromethane	9.40	83	669434	141.581	ug/l	99
48) Methyl methacrylate	9.20	41	496374	158.115	ug/l	98
49) 1,4-Dioxane	9.20	88	199242	3202.487	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	3034908	733.004	ug/l	100
52) Toluene	10.16	92	1220204	147.774	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	763186	150.255	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	822963	147.836	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	486169	143.176	ug/l	99
56) Ethyl methacrylate	10.43	69	777990	146.697	ug/l	99
57) 1,3-Dichloropropane	10.71	76	794774	148.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1617789	734.646	ug/l	100
59) 2-Hexanone	10.75	43	2167764	744.996	ug/l	100
60) Dibromochloromethane	10.90	129	588536	152.901	ug/l	99
61) 1,2-Dibromoethane	11.00	107	517048	152.057	ug/l	98
64) Tetrachloroethene	10.63	164	529293	145.872	ug/l	99
65) Chlorobenzene	11.43	112	1320037	143.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	518765	140.055	ug/l	100
67) Ethyl Benzene	11.51	91	2347836	142.626	ug/l	100
68) m/p-Xylenes	11.62	106	1804847	290.292	ug/l	99
69) o-Xylene	11.95	106	876872	143.752	ug/l	99
70) Styrene	11.96	104	1508266	149.115	ug/l	100
71) Bromoform	12.13	173	468171	148.776	ug/l #	99
73) Isopropylbenzene	12.25	105	2285039	125.577	ug/l	100
74) N-amyl acetate	12.07	43	867895	138.565	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	663610	118.444	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	545236m	118.798	ug/l	
77) Bromobenzene	12.53	156	624378	135.612	ug/l	99
78) n-propylbenzene	12.59	91	2546019	129.096	ug/l	100
79) 2-Chlorotoluene	12.67	91	1498493	124.728	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1916821	125.426	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	232694	133.251	ug/l	99
82) 4-Chlorotoluene	12.77	91	1531263	131.693	ug/l	99
83) tert-Butylbenzene	12.99	119	1644907	122.667	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1919365	127.522	ug/l	100
85) sec-Butylbenzene	13.17	105	2161716	126.957	ug/l	100
86) p-Isopropyltoluene	13.29	119	2028334	129.602	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1057254	139.766	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1039842	144.525	ug/l	99
89) n-Butylbenzene	13.61	91	1690749	139.062	ug/l	100
90) Hexachloroethane	13.87	117	379615	127.068	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1029286	136.528	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	137096	137.532	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
Data File : VN055748.D
Acq On : 23 May 2019 11:25
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
5/24/2019 9:22:15 AM

Quant Time: May 24 06:11:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 05:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	699365	184.922	ug/l	99
94) Hexachlorobutadiene	15.01	225	386618	144.126	ug/l	99
95) Naphthalene	15.13	128	1825471	178.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	692165	173.506	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052319\
Data File : VN055748.D
Acq On : 23 May 2019 11:25
Operator : JC/SP
Sample : VSTDIC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
5/24/2019 9:22:15 AM

Quant Time: May 24 06:11:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 05:41:54 2019
Response via : Initial Calibration

