

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022019\
 Data File : VN053875.D
 Acq On : 20 Feb 2019 10:44
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 10:52:10 AM

Quant Time: Feb 21 03:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:05:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	684929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1021820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	492372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1010381	144.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.68%	
35) Dibromofluoromethane	7.59	113	962751	143.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.14%	
50) Toluene-d8	10.09	98	3718790	153.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.08%	
62) 4-Bromofluorobenzene	12.40	95	1278918	159.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	853002	143.344	ug/l	99
3) Chloromethane	2.06	50	1100233	148.721	ug/l	99
4) Vinyl Chloride	2.19	62	1159228	145.974	ug/l	99
5) Bromomethane	2.55	94	849149	146.013	ug/l	100
6) Chloroethane	2.70	64	757343	147.559	ug/l	100
7) Trichlorofluoromethane	3.02	101	1624027	144.014	ug/l	100
8) Diethyl Ether	3.41	74	610368	153.970	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	934814	137.550	ug/l	99
10) Methyl Iodide	3.96	142	1535851	152.393	ug/l	100
11) Tert butyl alcohol	4.78	59	339245	776.348	ug/l	100
12) 1,1-Dichloroethene	3.74	96	913731	143.756	ug/l	99
13) Acrolein	3.60	56	354636	1135.465	ug/l	100
14) Allyl chloride	4.32	41	1472679	153.091	ug/l	99
15) Acrylonitrile	4.99	53	1717678	780.284	ug/l	100
16) Acetone	3.81	43	1283561	666.749	ug/l	99
17) Carbon Disulfide	4.06	76	2869344	145.753	ug/l	99
18) Methyl Acetate	4.32	43	650638	147.786	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	2526345	156.659	ug/l	99
20) Methylene Chloride	4.55	84	1014175	140.716	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	984662	147.604	ug/l	98
22) Diisopropyl ether	5.95	45	2862439	159.626	ug/l	99
23) Vinyl Acetate	5.89	43	10573572	830.884	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1747736	143.953	ug/l	100
25) 2-Butanone	6.83	43	1905127	766.923	ug/l	98
26) 2,2-Dichloropropane	6.82	77	1349934	146.524	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1115532	149.271	ug/l	100
28) Bromochloromethane	7.19	49	773028	145.886	ug/l	98
29) Tetrahydrofuran	7.21	42	1240182	771.962	ug/l	99
30) Chloroform	7.37	83	1731741	141.954	ug/l	99
31) Cyclohexane	7.65	56	1661646	131.225	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1519487	145.576	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1389927	148.399	ug/l	99
37) Ethyl Acetate	6.93	43	830275	160.626	ug/l	99
38) Carbon Tetrachloride	7.77	117	1396468	139.495	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022019\
 Data File : VN053875.D
 Acq On : 20 Feb 2019 10:44
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 10:52:10 AM

Quant Time: Feb 21 03:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:05:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1744250	161.616	ug/l	99
40) Benzene	8.04	78	4138686	149.470	ug/l	100
41) Methacrylonitrile	7.17	41	451150	136.718	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1221011	147.919	ug/l	99
43) Isopropyl Acetate	8.16	43	1499942	150.137	ug/l #	88
44) Trichloroethene	8.83	130	1182989	152.620	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1082989	153.201	ug/l	99
46) Dibromomethane	9.21	93	644890	151.509	ug/l	99
47) Bromodichloromethane	9.40	83	1366938	152.232	ug/l	99
48) Methyl methacrylate	9.20	41	747638	162.755	ug/l	95
49) 1,4-Dioxane	9.20	88	212135	3348.545	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3961379	852.976	ug/l	98
52) Toluene	10.16	92	2569414	156.589	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1499298	171.952	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1694913	164.923	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	917054	152.885	ug/l	99
56) Ethyl methacrylate	10.43	69	1222122	180.973	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1564799	154.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2740336	926.250	ug/l	99
59) 2-Hexanone	10.75	43	2653023	846.422	ug/l	99
60) Dibromochloromethane	10.90	129	1104162	157.702	ug/l	100
61) 1,2-Dibromoethane	11.00	107	938263	157.446	ug/l	99
64) Tetrachloroethene	10.63	164	1126863	137.174	ug/l	99
65) Chlorobenzene	11.43	112	2892882	150.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1063149	151.510	ug/l	100
67) Ethyl Benzene	11.51	91	4835144	155.371	ug/l	99
68) m/p-Xylenes	11.62	106	3772754	313.101	ug/l	99
69) o-Xylene	11.95	106	1824219	157.256	ug/l	100
70) Styrene	11.96	104	2998158	164.701	ug/l	100
71) Bromoform	12.13	173	814718	163.608	ug/l #	99
73) Isopropylbenzene	12.25	105	4689999	135.210	ug/l	99
74) N-amyl acetate	12.07	43	1254356	157.474	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1114581	135.912	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	989465m	153.835	ug/l	
77) Bromobenzene	12.53	156	1283073	137.892	ug/l	99
78) n-propylbenzene	12.59	91	5480623	141.294	ug/l	100
79) 2-Chlorotoluene	12.68	91	3212753	137.367	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	4084973	141.878	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	342248	156.316	ug/l	97
82) 4-Chlorotoluene	12.77	91	3336216	143.183	ug/l	100
83) tert-Butylbenzene	12.99	119	3635520	140.621	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	4267133	147.767	ug/l	100
85) sec-Butylbenzene	13.17	105	5061502	145.405	ug/l	100
86) p-Isopropyltoluene	13.29	119	4592465	152.014	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2410188	148.435	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2410935	147.571	ug/l	100
89) n-Butylbenzene	13.61	91	3921514	157.850	ug/l	99
90) Hexachloroethane	13.88	117	850693	147.397	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	2259913	141.863	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	186738	156.048	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022019\
Data File : VN053875.D
Acq On : 20 Feb 2019 10:44
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
2/21/2019 10:52:10 AM

Quant Time: Feb 21 03:32:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:05:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1526659	186.757	ug/l	98
94) Hexachlorobutadiene	15.01	225	870573	131.042	ug/l	98
95) Naphthalene	15.13	128	3219469	210.875	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	1445919	182.281	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022019\
Data File : VN053875.D
Acq On : 20 Feb 2019 10:44
Operator : JC/SP
Sample : VSTDIC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
2/21/2019 10:52:10 AM

Quant Time: Feb 21 03:32:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:05:18 2019
Response via : Initial Calibration

