

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049868.D
 Acq On : 18 Jul 2018 12:26
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 4:28:56 PM

Quant Time: Jul 18 12:45:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 12:05:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	690185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	951206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	535897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1359126	147.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.02%	
35) Dibromofluoromethane	7.59	113	1218605	153.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.72%	
50) Toluene-d8	10.09	98	4699097	161.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.12%	
62) 4-Bromofluorobenzene	12.40	95	1702301	174.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	348.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	929527	130.77	ug/l	97
3) Chloromethane	2.06	50	1237092	135.24	ug/l	100
4) Vinyl Chloride	2.18	62	1353360	137.07	ug/l	100
5) Bromomethane	2.54	94	811161	129.92	ug/l	100
6) Chloroethane	2.69	64	857917	136.92	ug/l	100
7) Trichlorofluoromethane	3.01	101	1798950	135.50	ug/l	97
8) Diethyl Ether	3.41	74	685841	144.59	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	1109590	139.27	ug/l	99
10) Methyl Iodide	3.94	142	1732085	173.76	ug/l	100
11) Tert butyl alcohol	4.81	59	525883	716.35	ug/l	99
12) 1,1-Dichloroethene	3.73	96	1045237	145.18	ug/l	98
13) Acrolein	3.61	56	367823	646.20	ug/l	98
14) Allyl chloride	4.32	41	1785104	156.17	ug/l	100
15) Acrylonitrile	4.99	53	2337814	756.99	ug/l	99
16) Acetone	3.82	43	1659728	644.62	ug/l	99
17) Carbon Disulfide	4.04	76	3070009	140.09	ug/l	100
18) Methyl Acetate	4.33	43	1149935	119.34	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	3230854	160.68	ug/l	99
20) Methylene Chloride	4.55	84	1223802	138.01	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1144125	150.33	ug/l	99
22) Diisopropyl ether	5.96	45	3790836	165.89	ug/l	95
23) Vinyl Acetate	5.90	43	13836082	823.23	ug/l	100
24) 1,1-Dichloroethane	5.85	63	2147679	146.64	ug/l	99
25) 2-Butanone	6.84	43	2740034	720.01	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1723175	154.55	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	1326943	155.53	ug/l	99
28) Bromochloromethane	7.19	49	1026966	151.05	ug/l	100
29) Tetrahydrofuran	7.22	42	1802830	745.07	ug/l	100
30) Chloroform	7.37	83	2188361	144.75	ug/l	99
31) Cyclohexane	7.65	56	1898604	136.33	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1913862	149.03	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1686886	159.14	ug/l	100
37) Ethyl Acetate	6.93	43	1186665	150.12	ug/l	100
38) Carbon Tetrachloride	7.77	117	1707678	152.92	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049868.D
 Acq On : 18 Jul 2018 12:26
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 4:28:56 PM

Quant Time: Jul 18 12:45:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 12:05:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1886778	172.83	ug/l	100
40) Benzene	8.04	78	5031349	156.58	ug/l	100
41) Methacrylonitrile	7.18	41	663785	163.52	ug/l	99
42) 1,2-Dichloroethane	8.13	62	1617597	148.04	ug/l	100
43) Isopropyl Acetate	8.17	43	2125981	158.05	ug/l	95
44) Trichloroethene	8.84	130	1320076	156.16	ug/l	99
45) 1,2-Dichloropropane	9.12	63	1323513	154.61	ug/l	100
46) Dibromomethane	9.21	93	816222	149.44	ug/l	100
47) Bromodichloromethane	9.40	83	1754456	158.06	ug/l	99
48) Methyl methacrylate	9.20	41	1117480	167.55	ug/l	97
49) 1,4-Dioxane	9.20	88	307922	3045.59	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	6193789	782.87	ug/l	99
52) Toluene	10.16	92	3182844	165.29	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1916160	176.82	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2102657	172.88	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1202398	152.17	ug/l	99
56) Ethyl methacrylate	10.43	69	1746042	182.43	ug/l	99
57) 1,3-Dichloropropane	10.71	76	2029452	158.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	4091009	905.57	ug/l	99
59) 2-Hexanone	10.75	43	4317441	795.93	ug/l	99
60) Dibromochloromethane	10.90	129	1409753	160.22	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1233504	159.27	ug/l	99
64) Tetrachloroethene	10.63	164	1202513	148.65	ug/l	99
65) Chlorobenzene	11.43	112	3560833	157.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1342511	155.06	ug/l	100
67) Ethyl Benzene	11.51	91	6269591	172.94	ug/l	99
68) m/p-Xylenes	11.62	106	4777649	347.36	ug/l	99
69) o-Xylene	11.95	106	2319936	176.88	ug/l	98
70) Styrene	11.97	104	3926667	184.69	ug/l	100
71) Bromoform	12.13	173	1058467	158.72	ug/l #	99
73) Isopropylbenzene	12.25	105	6194889	159.64	ug/l	100
74) N-amyl acetate	12.07	43	2007290	156.55	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	1626292	130.67	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1409006m	134.38	ug/l	
77) Bromobenzene	12.53	156	1619582	152.25	ug/l	98
78) n-propylbenzene	12.59	91	7169811	164.19	ug/l	99
79) 2-Chlorotoluene	12.68	91	4220074	156.53	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	5105702	167.90	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	523289	163.33	ug/l	97
82) 4-Chlorotoluene	12.77	91	4398883	165.16	ug/l	100
83) tert-Butylbenzene	12.99	119	4459204	167.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	5251372	169.35	ug/l	100
85) sec-Butylbenzene	13.17	105	5976274	166.67	ug/l	99
86) p-Isopropyltoluene	13.29	119	5293065	174.59	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2915005	159.43	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2853517	158.89	ug/l	99
89) n-Butylbenzene	13.62	91	4600217	185.02	ug/l	99
90) Hexachloroethane	13.88	117	979270	143.81	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	2771889	149.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	276109	132.36	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
Data File : VN049868.D
Acq On : 18 Jul 2018 12:26
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
7/19/2018 4:28:56 PM

Quant Time: Jul 18 12:45:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 12:05:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1706650	206.14	ug/l	100
94) Hexachlorobutadiene	15.01	225	870235	149.84	ug/l	99
95) Naphthalene	15.14	128	4140233	209.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1635732	186.86	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049868.D
 Acq On : 18 Jul 2018 12:26
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 4:28:56 PM

Quant Time: Jul 18 12:45:34 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 12:05:14 2018
 Response via : Initial Calibration

