

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049867.D
 Acq On : 18 Jul 2018 12:00
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 4:28:55 PM

Quant Time: Jul 18 12:29:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 12:05:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	666768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	958119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	909786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	513076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	879356	98.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.92%	
35) Dibromofluoromethane	7.59	113	790342	104.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.00%	
50) Toluene-d8	10.09	98	3005004	107.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.38%	
62) 4-Bromofluorobenzene	12.40	95	1085276	116.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	232.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	597079	86.95	ug/l	97
3) Chloromethane	2.06	50	797080	90.20	ug/l	99
4) Vinyl Chloride	2.18	62	873222	91.55	ug/l	100
5) Bromomethane	2.55	94	546266	90.56	ug/l	99
6) Chloroethane	2.69	64	556242	91.89	ug/l	99
7) Trichlorofluoromethane	3.01	101	1174305	91.56	ug/l	97
8) Diethyl Ether	3.41	74	437329	95.43	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	726641	94.41	ug/l	100
10) Methyl Iodide	3.95	142	1114247	115.70	ug/l	99
11) Tert butyl alcohol	4.81	59	325506	458.97	ug/l	100
12) 1,1-Dichloroethene	3.73	96	667222	95.93	ug/l	99
13) Acrolein	3.61	56	229372	417.12	ug/l	98
14) Allyl chloride	4.32	41	1128982	102.24	ug/l	100
15) Acrylonitrile	4.99	53	1456461	488.17	ug/l	98
16) Acetone	3.82	43	1060276	426.26	ug/l	100
17) Carbon Disulfide	4.05	76	1945589	91.90	ug/l	99
18) Methyl Acetate	4.33	43	733146	78.76	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	2061264	106.11	ug/l	100
20) Methylene Chloride	4.55	84	785122	91.65	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	731170	99.44	ug/l	100
22) Diisopropyl ether	5.96	45	2420403	109.64	ug/l	96
23) Vinyl Acetate	5.90	43	8762238	539.65	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1387721	98.08	ug/l	99
25) 2-Butanone	6.84	43	1736592	472.36	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1113191	103.35	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	847414	102.81	ug/l	99
28) Bromochloromethane	7.20	49	677737	103.19	ug/l	99
29) Tetrahydrofuran	7.21	42	1132743	484.58	ug/l	100
30) Chloroform	7.37	83	1417196	97.03	ug/l	99
31) Cyclohexane	7.65	56	1206728	89.69	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1232644	99.36	ug/l	99
36) 1,1-Dichloropropene	7.79	75	1086930	107.22	ug/l	100
37) Ethyl Acetate	6.93	43	755582	99.94	ug/l	100
38) Carbon Tetrachloride	7.77	117	1100143	103.01	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049867.D
 Acq On : 18 Jul 2018 12:00
 Operator : MD\SY
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 4:28:55 PM

Quant Time: Jul 18 12:29:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 12:05:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1186492	113.64	ug/l	99
40) Benzene	8.04	78	3249076	105.73	ug/l	100
41) Methacrylonitrile	7.18	41	416052	107.17	ug/l	97
42) 1,2-Dichloroethane	8.12	62	1040207	99.54	ug/l	100
43) Isopropyl Acetate	8.17	43	1349965	104.94	ug/l	96
44) Trichloroethene	8.83	130	844404	104.45	ug/l	100
45) 1,2-Dichloropropane	9.12	63	854963	104.43	ug/l	100
46) Dibromomethane	9.21	93	529462	101.36	ug/l	99
47) Bromodichloromethane	9.40	83	1130176	106.47	ug/l	98
48) Methyl methacrylate	9.20	41	679825	106.58	ug/l	99
49) 1,4-Dioxane	9.20	88	196841	2035.73	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3953404	522.49	ug/l	99
52) Toluene	10.16	92	2052845	111.47	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1205946	116.36	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1332138	114.53	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	779496	103.15	ug/l	99
56) Ethyl methacrylate	10.43	69	1097101	119.86	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1296597	105.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2564835	593.64	ug/l	99
59) 2-Hexanone	10.75	43	2734823	527.17	ug/l	100
60) Dibromochloromethane	10.90	129	898860	106.82	ug/l	99
61) 1,2-Dibromoethane	11.01	107	787303	106.29	ug/l	100
64) Tetrachloroethene	10.63	164	773736	100.00	ug/l	99
65) Chlorobenzene	11.44	112	2272781	105.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	856980	103.49	ug/l	99
67) Ethyl Benzene	11.51	91	4014657	115.78	ug/l	99
68) m/p-Xylenes	11.62	106	3070178	233.38	ug/l	100
69) o-Xylene	11.95	106	1486088	118.47	ug/l	98
70) Styrene	11.96	104	2514555	123.66	ug/l	100
71) Bromoform	12.13	173	670356	105.10	ug/l #	99
73) Isopropylbenzene	12.25	105	3983490	107.22	ug/l	100
74) N-amyl acetate	12.07	43	1267637	103.26	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	1051182	88.22	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	916682m	91.31	ug/l	
77) Bromobenzene	12.53	156	1037117	101.83	ug/l	98
78) n-propylbenzene	12.59	91	4611672	110.31	ug/l	100
79) 2-Chlorotoluene	12.68	91	2718248	105.31	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	3279322	112.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	324650	105.84	ug/l	98
82) 4-Chlorotoluene	12.78	91	2801503	109.86	ug/l	100
83) tert-Butylbenzene	12.99	119	2851429	111.74	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3348602	112.79	ug/l	100
85) sec-Butylbenzene	13.17	105	3817663	111.20	ug/l	100
86) p-Isopropyltoluene	13.29	119	3365225	115.94	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1847251	105.53	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1808892	105.20	ug/l	99
89) n-Butylbenzene	13.62	91	2876170	120.82	ug/l	99
90) Hexachloroethane	13.88	117	628860	96.46	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1779579	99.97	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	172443	86.34	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
Data File : VN049867.D
Acq On : 18 Jul 2018 12:00
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
7/19/2018 4:28:55 PM

Quant Time: Jul 18 12:29:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 12:05:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1027987	129.69	ug/l	99
94) Hexachlorobutadiene	15.01	225	547228	98.42	ug/l	100
95) Naphthalene	15.14	128	2499382	132.11	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1008263	120.30	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071818\
Data File : VN049867.D
Acq On : 18 Jul 2018 12:00
Operator : MD\SY
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
7/19/2018 4:28:55 PM

Quant Time: Jul 18 12:29:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 12:05:28 2018
Response via : Initial Calibration

