

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054941.D
 Acq On : 4 Apr 2019 11:58
 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
 4/8/2019 1:44:05 PM

Quant Time: Apr 05 02:17:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	473441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	758888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	688917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	324910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	909470	145.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.40%	
35) Dibromofluoromethane	7.59	113	739820	149.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.52%	
50) Toluene-d8	10.09	98	2842888	151.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.34%	
62) 4-Bromofluorobenzene	12.40	95	1003808	160.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	829966	146.606	ug/l	99
3) Chloromethane	2.06	50	1053223	140.711	ug/l	99
4) Vinyl Chloride	2.19	62	914391	139.819	ug/l	100
5) Bromomethane	2.56	94	518657	138.935	ug/l	98
6) Chloroethane	2.70	64	495608	135.877	ug/l	100
7) Trichlorofluoromethane	3.02	101	1103367	138.954	ug/l	99
8) Diethyl Ether	3.41	74	347447	137.388	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	564728	134.235	ug/l	100
10) Methyl Iodide	3.94	142	887941	149.734	ug/l	99
11) Tert butyl alcohol	4.82	59	238424	738.048	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	560374	134.278	ug/l	95
13) Acrolein	3.61	56	366894	830.492	ug/l	100
14) Allyl chloride	4.32	41	1424150	150.417	ug/l	98
15) Acrylonitrile	4.99	53	1394765	722.059	ug/l	99
16) Acetone	3.82	43	1067430	629.186	ug/l	99
17) Carbon Disulfide	4.04	76	2056390	154.801	ug/l	100
18) Methyl Acetate	4.33	43	597119	128.533	ug/l	99
19) Methyl tert-butyl Ether	5.06	73	1966275	145.261	ug/l	99
20) Methylene Chloride	4.54	84	792867	136.856	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	746643	143.518	ug/l	98
22) Diisopropyl ether	5.96	45	2801088	147.252	ug/l	97
23) Vinyl Acetate	5.90	43	10422446	787.393	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1476489	142.333	ug/l	99
25) 2-Butanone	6.84	43	1757884	749.980	ug/l	100
26) 2,2-Dichloropropane	6.82	77	1077322	148.147	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	855877	144.759	ug/l	99
28) Bromochloromethane	7.19	49	689083	141.795	ug/l	100
29) Tetrahydrofuran	7.22	42	1123436	731.252	ug/l	100
30) Chloroform	7.37	83	1404308	142.843	ug/l	99
31) Cyclohexane	7.65	56	1429847	120.714	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1208197	145.635	ug/l	98
36) 1,1-Dichloropropene	7.79	75	1120427	149.006	ug/l	99
37) Ethyl Acetate	6.94	43	775355	150.257	ug/l	99
38) Carbon Tetrachloride	7.77	117	1059320	145.877	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054941.D
 Acq On : 4 Apr 2019 11:58
 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
 4/8/2019 1:44:05 PM

Quant Time: Apr 05 02:17:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1263638	152.755	ug/l	99
40) Benzene	8.04	78	3249512	150.185	ug/l	100
41) Methacrylonitrile	7.18	41	455347	154.325	ug/l	95
42) 1,2-Dichloroethane	8.13	62	1099969	144.674	ug/l	99
43) Isopropyl Acetate	8.17	43	1377099	158.347	ug/l	100
44) Trichloroethene	8.83	130	830819	150.175	ug/l	99
45) 1,2-Dichloropropane	9.12	63	899237	149.161	ug/l	100
46) Dibromomethane	9.21	93	499154	146.008	ug/l	99
47) Bromodichloromethane	9.40	83	1111015	154.727	ug/l	99
48) Methyl methacrylate	9.20	41	722577	164.128	ug/l	100
49) 1,4-Dioxane	9.20	88	136211	3065.302	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	3776557	778.415	ug/l	100
52) Toluene	10.16	92	1957349	153.474	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1152413	173.896	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1344041	166.308	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	683534	147.824	ug/l	99
56) Ethyl methacrylate	10.43	69	999771	165.369	ug/l	100
57) 1,3-Dichloropropane	10.71	76	1232145	152.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2083693	872.262	ug/l	100
59) 2-Hexanone	10.75	43	2460059	811.800	ug/l	100
60) Dibromochloromethane	10.90	129	793920	163.919	ug/l	98
61) 1,2-Dibromoethane	11.00	107	696902	160.294	ug/l	99
64) Tetrachloroethene	10.63	164	752374	135.411	ug/l	99
65) Chlorobenzene	11.43	112	2062256	146.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	782771	152.253	ug/l	99
67) Ethyl Benzene	11.51	91	3827267	151.164	ug/l	100
68) m/p-Xylenes	11.62	106	2800893	302.621	ug/l	100
69) o-Xylene	11.95	106	1358990	150.533	ug/l	100
70) Styrene	11.96	104	2328161	160.777	ug/l	99
71) Bromoform	12.13	173	517482	167.456	ug/l #	100
73) Isopropylbenzene	12.25	105	3616482	131.764	ug/l	99
74) N-amyl acetate	12.07	43	1192603	156.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	852484	126.450	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	700565m	132.625	ug/l	
77) Bromobenzene	12.53	156	908894	136.739	ug/l	97
78) n-propylbenzene	12.59	91	4187441	138.477	ug/l	100
79) 2-Chlorotoluene	12.67	91	2473702	131.996	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3067140	136.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	238044	178.880	ug/l	91
82) 4-Chlorotoluene	12.77	91	2532827	142.888	ug/l	100
83) tert-Butylbenzene	12.99	119	2562812	133.655	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	3068477	140.699	ug/l	100
85) sec-Butylbenzene	13.17	105	3356141	135.318	ug/l	100
86) p-Isopropyltoluene	13.29	119	3038498	142.187	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1568710	141.878	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1542807	146.580	ug/l	99
89) n-Butylbenzene	13.61	91	2657329	155.596	ug/l	100
90) Hexachloroethane	13.87	117	537495	149.734	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1496430	137.847	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	131711	140.193	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
Data File : VN054941.D
Acq On : 4 Apr 2019 11:58
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
4/8/2019 1:44:05 PM

Quant Time: Apr 05 02:17:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 01:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	886401	183.537	ug/l	99
94) Hexachlorobutadiene	15.01	225	468354	128.960	ug/l	98
95) Naphthalene	15.13	128	1942686	183.315	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	836308	167.761	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
Data File : VN054941.D
Acq On : 4 Apr 2019 11:58
Operator : JC/SP
Sample : VSTDIC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
4/8/2019 1:44:05 PM

Quant Time: Apr 05 02:17:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 01:45:45 2019
Response via : Initial Calibration

