

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121319\
 Data File : VN059589.D
 Acq On : 13 Dec 2019 17:28
 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

apatel
 12/16/2019 12:49:03 PM

Quant Time: Dec 13 17:49:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:23:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	266046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	428416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	399446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199098	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	575770	150.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.38%	
35) Dibromofluoromethane	7.57	113	410062	157.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.28%	
50) Toluene-d8	10.08	98	1615784	151.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.12%	
62) 4-Bromofluorobenzene	12.40	95	608851	157.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	453649	143.413	ug/l	100
3) Chloromethane	2.04	50	696403	143.781	ug/l	100
4) Vinyl Chloride	2.17	62	686571	145.297	ug/l	100
5) Bromomethane	2.51	94	394551	136.620	ug/l	99
6) Chloroethane	2.66	64	378964	135.189	ug/l	100
7) Trichlorofluoromethane	2.98	101	745747	132.540	ug/l	99
8) Diethyl Ether	3.38	74	256476	134.018	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	381634	131.426	ug/l	99
10) Methyl Iodide	3.92	142	553930	139.575	ug/l	99
11) Tert butyl alcohol	4.76	59	512637	794.322	ug/l	99
12) 1,1-Dichloroethene	3.71	96	384875	135.575	ug/l	97
13) Acrolein	3.58	56	402403	1093.617	ug/l	99
14) Allyl chloride	4.29	41	791126	145.280	ug/l	99
15) Acrylonitrile	4.95	53	1270274	763.942	ug/l	100
16) Acetone	3.79	43	1534477	817.040	ug/l	99
17) Carbon Disulfide	4.02	76	1222393	117.252	ug/l	99
18) Methyl Acetate	4.29	43	685424	146.592	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	1412191	149.798	ug/l	99
20) Methylene Chloride	4.52	84	449639	124.992	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	429042	141.281	ug/l	98
22) Diisopropyl ether	5.92	45	1534315	148.068	ug/l	97
23) Vinyl Acetate	5.86	43	6068205	707.037	ug/l	98
24) 1,1-Dichloroethane	5.82	63	844885	143.445	ug/l	100
25) 2-Butanone	6.81	43	2005236	823.125	ug/l	99
26) 2,2-Dichloropropane	6.80	77	752971	141.403	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	491584	143.719	ug/l	99
28) Bromochloromethane	7.17	49	363689	189.610	ug/l	99
29) Tetrahydrofuran	7.18	42	1211262	728.712	ug/l	100
30) Chloroform	7.35	83	833376	143.475	ug/l	99
31) Cyclohexane	7.63	56	754387	131.756	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	738158	143.183	ug/l	99
36) 1,1-Dichloropropene	7.77	75	645836	144.690	ug/l	99
37) Ethyl Acetate	6.90	43	755551	162.433	ug/l	100
38) Carbon Tetrachloride	7.75	117	651921	147.782	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121319\
 Data File : VN059589.D
 Acq On : 13 Dec 2019 17:28
 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

apatel
 12/16/2019 12:49:03 PM

Quant Time: Dec 13 17:49:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:23:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	742325	148.431	ug/l	99
40) Benzene	8.02	78	1834961	143.610	ug/l	100
41) Methacrylonitrile	7.15	41	340081m	156.105	ug/l	
42) 1,2-Dichloroethane	8.10	62	710248	148.891	ug/l	100
43) Isopropyl Acetate	8.14	43	1215026	157.108	ug/l	99
44) Trichloroethene	8.82	130	479823	148.185	ug/l	100
45) 1,2-Dichloropropane	9.10	63	499074	147.534	ug/l	100
46) Dibromomethane	9.19	93	326409	145.607	ug/l	99
47) Bromodichloromethane	9.39	83	676431	152.109	ug/l	100
48) Methyl methacrylate	9.18	41	564710	166.326	ug/l	99
49) 1,4-Dioxane	9.18	88	164148	3614.527	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	3469719	771.676	ug/l	94
52) Toluene	10.15	92	1142866	149.883	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	805672	155.296	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	826465	155.421	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	455242	147.593	ug/l	99
56) Ethyl methacrylate	10.42	69	769072	168.712	ug/l	99
57) 1,3-Dichloropropane	10.70	76	790764	150.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	1419810	983.513	ug/l	99
59) 2-Hexanone	10.74	43	2847600	835.677	ug/l	95
60) Dibromochloromethane	10.90	129	519720	155.421	ug/l	99
61) 1,2-Dibromoethane	11.00	107	485808	151.508	ug/l	99
64) Tetrachloroethene	10.63	164	498482	160.828	ug/l	99
65) Chlorobenzene	11.43	112	1209698	141.830	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	460643	144.566	ug/l	99
67) Ethyl Benzene	11.51	91	2198133	143.428	ug/l	97
68) m/p-Xylenes	11.62	106	1670051	294.165	ug/l	92
69) o-Xylene	11.94	106	800472	151.009	ug/l	98
70) Styrene	11.96	104	1358661	154.772	ug/l	99
71) Bromoform	12.12	173	386169	156.331	ug/l #	98
73) Isopropylbenzene	12.25	105	2129174	136.803	ug/l	99
74) N-amyl acetate	12.07	43	1109754	162.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	687579	132.377	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	672005m	128.276	ug/l	
77) Bromobenzene	12.52	156	512230	134.179	ug/l	99
78) n-propylbenzene	12.59	91	2489245	131.570	ug/l	98
79) 2-Chlorotoluene	12.67	91	1500588	132.877	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1817244	137.987	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	288210	145.302	ug/l	99
82) 4-Chlorotoluene	12.77	91	1566577	136.189	ug/l	100
83) tert-Butylbenzene	12.99	119	1523925	139.022	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1850336	142.455	ug/l	99
85) sec-Butylbenzene	13.17	105	2075109	138.185	ug/l	100
86) p-Isopropyltoluene	13.29	119	1913679	142.824	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	955697	136.607	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	951958	139.267	ug/l	99
89) n-Butylbenzene	13.61	91	1803337	142.783	ug/l	98
90) Hexachloroethane	13.87	117	365031	147.425	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	935584	141.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	182504	138.570	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121319\
Data File : VN059589.D
Acq On : 13 Dec 2019 17:28
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

apatel
12/16/2019 12:49:03 PM

Quant Time: Dec 13 17:49:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 17:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	644673	143.820	ug/l	98
94) Hexachlorobutadiene	15.01	225	304256	134.448	ug/l	98
95) Naphthalene	15.12	128	1941900	147.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	620798	134.755	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121319\
 Data File : VN059589.D
 Acq On : 13 Dec 2019 17:28
 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

apatel
 12/16/2019 12:49:03 PM

Quant Time: Dec 13 17:49:23 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:23:03 2019
 Response via : Initial Calibration

