

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012220\
 Data File : VN059829.D
 Acq On : 22 Jan 2020 14:05
 Operator : JC/MD
 Sample : VN0122WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 10:14:42 AM

Quant Time: Jan 23 05:55:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	283044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112014	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	7.57	113	93993	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.08	98	359769	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	124858	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	44692	18.377	ug/l	100
3) Chloromethane	2.04	50	43136	18.594	ug/l	97
4) Vinyl Chloride	2.17	62	55014	20.727	ug/l	98
5) Bromomethane	2.54	94	32986	20.364	ug/l	98
6) Chloroethane	2.68	64	25189	20.059	ug/l	99
7) Trichlorofluoromethane	3.00	101	65584	20.574	ug/l	98
8) Diethyl Ether	3.38	74	22684	20.277	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37483	21.128	ug/l	92
10) Methyl Iodide	3.93	142	54544	19.020	ug/l	95
11) Tert butyl alcohol	4.72	59	38627	101.968	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	36656	19.773	ug/l	87
13) Acrolein	3.58	56	21737	81.061	ug/l	95
14) Allyl chloride	4.30	41	48938	19.585	ug/l #	85
15) Acrylonitrile	4.95	53	88277	102.160	ug/l	98
16) Acetone	3.78	43	91781	114.146	ug/l	96
17) Carbon Disulfide	4.03	76	93713	17.745	ug/l	100
18) Methyl Acetate	4.29	43	51776	19.698	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	123325	20.404	ug/l	94
20) Methylene Chloride	4.52	84	41280	19.487	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	37791	19.177	ug/l	88
22) Diisopropyl ether	5.91	45	113086	19.971	ug/l #	92
23) Vinyl Acetate	5.86	43	430658	98.228	ug/l #	94
24) 1,1-Dichloroethane	5.81	63	69935	20.212	ug/l	98
25) 2-Butanone	6.80	43	120579	94.624	ug/l	92
26) 2,2-Dichloropropane	6.79	77	65743	19.764	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	45857	20.232	ug/l	88
28) Bromochloromethane	7.17	49	27453	19.852	ug/l #	74
29) Tetrahydrofuran	7.18	42	76080	96.495	ug/l #	87
30) Chloroform	7.35	83	73042	20.374	ug/l	99
31) Cyclohexane	7.63	56	60449	18.156	ug/l #	82
32) 1,1,1-Trichloroethane	7.55	97	67944	20.498	ug/l	97
36) 1,1-Dichloropropene	7.77	75	54041	19.785	ug/l	96
37) Ethyl Acetate	6.90	43	46240	18.050	ug/l	94
38) Carbon Tetrachloride	7.75	117	60981	20.524	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012220\
 Data File : VN059829.D
 Acq On : 22 Jan 2020 14:05
 Operator : JC/MD
 Sample : VN0122WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0122WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 10:14:42 AM

Quant Time: Jan 23 05:55:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	62210	18.471	ug/l	91
40) Benzene	8.02	78	160205	19.666	ug/l	99
41) Methacrylonitrile	7.15	41	20788m	16.474	ug/l	
42) 1,2-Dichloroethane	8.10	62	56241	20.363	ug/l	97
43) Isopropyl Acetate	8.14	43	83550	18.961	ug/l #	94
44) Trichloroethene	8.82	130	46357	20.846	ug/l	92
45) 1,2-Dichloropropane	9.10	63	40167	19.926	ug/l	98
46) Dibromomethane	9.19	93	28306	19.907	ug/l #	89
47) Bromodichloromethane	9.39	83	58236	20.324	ug/l	100
48) Methyl methacrylate	9.18	41	35679	18.102	ug/l	86
49) 1,4-Dioxane	9.18	88	15500	429.577	ug/l #	89
51) 4-Methyl-2-Pentanone	9.97	43	242988	95.392	ug/l	94
52) Toluene	10.14	92	102920	20.002	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	62589	19.562	ug/l	97
54) cis-1,3-Dichloropropene	9.82	75	67975	20.192	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	41652	20.439	ug/l	96
56) Ethyl methacrylate	10.42	69	58533	18.797	ug/l	94
57) 1,3-Dichloropropane	10.70	76	66672	20.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	92708	98.844	ug/l	91
59) 2-Hexanone	10.74	43	176916	94.276	ug/l	93
60) Dibromochloromethane	10.89	129	46896	20.208	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43375	20.307	ug/l	100
64) Tetrachloroethene	10.62	164	47176	20.451	ug/l	95
65) Chlorobenzene	11.43	112	113084	20.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	44157	20.541	ug/l	97
67) Ethyl Benzene	11.50	91	200052	19.809	ug/l	97
68) m/p-Xylenes	11.62	106	152264	39.913	ug/l	94
69) o-Xylene	11.94	106	74274	19.887	ug/l	94
70) Styrene	11.96	104	117339	18.775	ug/l	96
71) Bromoform	12.12	173	34930	20.286	ug/l #	100
73) Isopropylbenzene	12.25	105	199823	21.113	ug/l	100
74) N-amyl acetate	12.06	43	67349	18.339	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	57048	20.792	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	51953m	23.922	ug/l	
77) Bromobenzene	12.52	156	49730	20.749	ug/l	83
78) n-propylbenzene	12.59	91	215838	20.318	ug/l	97
79) 2-Chlorotoluene	12.67	91	126800	20.065	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	162471	20.412	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	19741	19.521	ug/l	94
82) 4-Chlorotoluene	12.77	91	130644	20.611	ug/l	96
83) tert-Butylbenzene	12.99	119	142149	20.649	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	165459	21.012	ug/l	100
85) sec-Butylbenzene	13.17	105	185560	20.516	ug/l	99
86) p-Isopropyltoluene	13.28	119	166930	19.947	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	85453	20.526	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	84386	20.318	ug/l	98
89) n-Butylbenzene	13.61	91	137908	19.327	ug/l	98
90) Hexachloroethane	13.87	117	31246	19.955	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	85805	20.848	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11851	18.822	ug/l	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012220\
Data File : VN059829.D
Acq On : 22 Jan 2020 14:05
Operator : JC/MD
Sample : VN0122WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBSD01

Manual Integrations
APPROVED

MMDadoda
1/24/2020 10:14:42 AM

Quant Time: Jan 23 05:55:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	48235	19.504	ug/l	99
94) Hexachlorobutadiene	15.01	225	27492	20.172	ug/l	98
95) Naphthalene	15.13	128	126666	18.006	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47912	19.903	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012220\
Data File : VN059829.D
Acq On : 22 Jan 2020 14:05
Operator : JC/MD
Sample : VN0122WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
VN0122WBSD01

Manual Integrations
APPROVED

MMDadoda
1/24/2020 10:14:42 AM

Quant Time: Jan 23 05:55:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

