

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054920.D
 Acq On : 3 Apr 2019 12:29
 Operator : JC/SP
 Sample : VN0403WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0403WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 9:31:08 AM

Quant Time: Apr 04 02:03:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	410949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	681438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	241601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	291922	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	7.59	113	235018	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.09	98	860004	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	280034	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	79659	19.164	ug/l	99
3) Chloromethane	2.06	50	112011	19.489	ug/l	96
4) Vinyl Chloride	2.19	62	103739	20.099	ug/l	100
5) Bromomethane	2.58	94	59554	20.690	ug/l	96
6) Chloroethane	2.71	64	59392	20.607	ug/l	93
7) Trichlorofluoromethane	3.02	101	135244	21.313	ug/l	100
8) Diethyl Ether	3.41	74	43399	21.240	ug/l	64
9) 1,1,2-Trichlorotrifluoroet	3.75	101	71918	21.529	ug/l	93
10) Methyl Iodide	3.95	142	93115	20.362	ug/l #	90
11) Tert butyl alcohol	4.82	59	30801	106.715	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	68048	21.065	ug/l #	72
13) Acrolein	3.61	56	23890	92.586	ug/l	96
14) Allyl chloride	4.32	41	163116	20.501	ug/l #	89
15) Acrylonitrile	5.00	53	173143	107.925	ug/l	97
16) Acetone	3.82	43	136912	103.641	ug/l #	82
17) Carbon Disulfide	4.04	76	189341	18.072	ug/l	98
18) Methyl Acetate	4.33	43	82408	23.462	ug/l #	89
19) Methyl tert-butyl Ether	5.05	73	246020	21.773	ug/l	94
20) Methylene Chloride	4.55	84	98907	21.226	ug/l #	86
21) trans-1,2-Dichloroethene	5.04	96	88275	20.805	ug/l	86
22) Diisopropyl ether	5.96	45	346266	22.003	ug/l #	93
23) Vinyl Acetate	5.90	43	1190950	108.749	ug/l #	93
24) 1,1-Dichloroethane	5.85	63	185043	22.043	ug/l	99
25) 2-Butanone	6.85	43	214164	109.674	ug/l #	87
26) 2,2-Dichloropropane	6.82	77	121533	20.656	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	104273	21.755	ug/l	90
28) Bromochloromethane	7.20	49	92199	21.964	ug/l #	71
29) Tetrahydrofuran	7.22	42	142597	105.140	ug/l #	84
30) Chloroform	7.37	83	176348	22.031	ug/l	98
31) Cyclohexane	7.65	56	168019	20.761	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	144263	21.747	ug/l	95
36) 1,1-Dichloropropene	7.79	75	127637	20.101	ug/l	96
37) Ethyl Acetate	6.94	43	93834	20.152	ug/l	97
38) Carbon Tetrachloride	7.77	117	120577	19.551	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054920.D
 Acq On : 3 Apr 2019 12:29
 Operator : JC/SP
 Sample : VN0403WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0403WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 9:31:08 AM

Quant Time: Apr 04 02:03:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	139772	20.022	ug/l	89
40) Benzene	8.04	78	391224	21.533	ug/l	98
41) Methacrylonitrile	7.18	41	52526	20.081	ug/l	93
42) 1,2-Dichloroethane	8.13	62	139153	21.450	ug/l	97
43) Isopropyl Acetate	8.17	43	165108	21.822	ug/l #	93
44) Trichloroethene	8.83	130	100368	21.281	ug/l	94
45) 1,2-Dichloropropane	9.12	63	112420	21.700	ug/l	93
46) Dibromomethane	9.21	93	62876	21.575	ug/l	86
47) Bromodichloromethane	9.40	83	129738	21.420	ug/l	98
48) Methyl methacrylate	9.20	41	83159	20.276	ug/l	88
49) 1,4-Dioxane	9.20	88	17552	431.314	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	464144	109.113	ug/l	92
52) Toluene	10.16	92	231674	21.429	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	117923	20.697	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	147477	21.669	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	84586	21.041	ug/l	96
56) Ethyl methacrylate	10.43	69	108340	20.545	ug/l #	83
57) 1,3-Dichloropropane	10.71	76	150568	21.786	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	231232	107.932	ug/l #	89
59) 2-Hexanone	10.75	43	281937	103.535	ug/l	91
60) Dibromochloromethane	10.90	129	86417	21.221	ug/l	100
61) 1,2-Dibromoethane	11.00	107	80801	21.032	ug/l	98
64) Tetrachloroethene	10.63	164	91574	20.346	ug/l	91
65) Chlorobenzene	11.43	112	236651	20.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	91095	21.194	ug/l	98
67) Ethyl Benzene	11.51	91	434244	20.956	ug/l	96
68) m/p-Xylenes	11.62	106	316471	41.269	ug/l	95
69) o-Xylene	11.95	106	154047	20.486	ug/l	93
70) Styrene	11.96	104	252878	21.032	ug/l	96
71) Bromoform	12.13	173	50259	19.960	ug/l #	99
73) Isopropylbenzene	12.25	105	416280	21.080	ug/l	98
74) N-amyl acetate	12.07	43	123099	20.009	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	104117	22.992	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	95305m	22.707	ug/l	
77) Bromobenzene	12.53	156	99648	20.908	ug/l	86
78) n-propylbenzene	12.59	91	454953	20.961	ug/l	97
79) 2-Chlorotoluene	12.67	91	280523	20.891	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	339846	20.974	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	20322	18.834	ug/l #	78
82) 4-Chlorotoluene	12.77	91	267819	20.534	ug/l	95
83) tert-Butylbenzene	12.99	119	290095	21.935	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	325075	21.058	ug/l	98
85) sec-Butylbenzene	13.17	105	368773	20.951	ug/l	96
86) p-Isopropyltoluene	13.29	119	321562	20.713	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	161654	20.259	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	155913	19.922	ug/l	96
89) n-Butylbenzene	13.61	91	249149	19.670	ug/l	97
90) Hexachloroethane	13.87	117	52685	19.988	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	165573	20.560	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	14486	21.458	ug/l	79

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
Data File : VN054920.D
Acq On : 3 Apr 2019 12:29
Operator : JC/SP
Sample : VN0403WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0403WBS01

Manual Integrations
APPROVED

MMDadoda
4/4/2019 9:31:08 AM

Quant Time: Apr 04 02:03:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	70452	18.146	ug/l	99
94) Hexachlorobutadiene	15.01	225	50386	20.681	ug/l	100
95) Naphthalene	15.13	128	154460	17.739	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	75481	19.251	ug/l	98

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

