

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063622.D
 Acq On : 24 Sep 2020 12:36
 Operator : JC/MD
 Sample : VN0924WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:16:03 PM

Quant Time: Sep 24 16:58:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	238250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	190012	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.55	113	131373	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
50) Toluene-d8	10.06	98	491944	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
62) 4-Bromofluorobenzene	12.38	95	180828	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47122	17.458	ug/l	99
3) Chloromethane	2.04	50	57910	16.218	ug/l	97
4) Vinyl Chloride	2.17	62	57966	18.323	ug/l	98
5) Bromomethane	2.53	94	36989	19.692	ug/l	98
6) Chloroethane	2.68	64	36652	18.874	ug/l	95
7) Trichlorofluoromethane	2.99	101	93782	19.869	ug/l	99
8) Diethyl Ether	3.38	74	31121	16.914	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48644	18.326	ug/l	97
10) Methyl Iodide	3.91	142	57229	16.560	ug/l #	93
11) Tert butyl alcohol	4.73	59	43607	77.613	ug/l	95
12) 1,1-Dichloroethene	3.70	96	45335	16.862	ug/l	98
13) Acrolein	3.57	56	14295	68.655	ug/l	95
14) Allyl chloride	4.28	41	88703	16.679	ug/l	97
15) Acrylonitrile	4.93	53	125446	87.776	ug/l	99
16) Acetone	3.78	43	120232	92.244	ug/l	99
17) Carbon Disulfide	4.02	76	118770	15.187	ug/l	99
18) Methyl Acetate	4.28	43	62204	18.799	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	172363	17.201	ug/l	97
20) Methylene Chloride	4.51	84	58785	17.801	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	51206	17.190	ug/l	96
22) Diisopropyl ether	5.90	45	188060	17.339	ug/l	93
23) Vinyl Acetate	5.85	43	760358	85.360	ug/l	100
24) 1,1-Dichloroethane	5.80	63	107704	18.188	ug/l	100
25) 2-Butanone	6.79	43	174774	87.185	ug/l	95
26) 2,2-Dichloropropane	6.78	77	90025	17.267	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58659	17.398	ug/l	96
28) Bromochloromethane	7.15	49	48886	17.880	ug/l	100
29) Tetrahydrofuran	7.17	42	117348	85.711	ug/l	99
30) Chloroform	7.33	83	110630	18.621	ug/l	98
31) Cyclohexane	7.62	56	88637	15.824	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	98025	18.551	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78225	17.824	ug/l	99
37) Ethyl Acetate	6.88	43	75615	17.555	ug/l	99
38) Carbon Tetrachloride	7.73	117	81669	18.230	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063622.D
 Acq On : 24 Sep 2020 12:36
 Operator : JC/MD
 Sample : VN0924WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0924WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:16:03 PM

Quant Time: Sep 24 16:58:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	75283	15.805	ug/l	96
40) Benzene	8.00	78	227069	18.125	ug/l	98
41) Methacrylonitrile	7.13	41	34315	17.713	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	93717	18.602	ug/l	99
43) Isopropyl Acetate	8.13	43	132155	17.159	ug/l	100
44) Trichloroethene	8.80	130	56460	18.581	ug/l	99
45) 1,2-Dichloropropane	9.09	63	61812	18.116	ug/l	99
46) Dibromomethane	9.18	93	41654	18.574	ug/l	96
47) Bromodichloromethane	9.37	83	86285	18.520	ug/l	99
48) Methyl methacrylate	9.17	41	65504	17.311	ug/l	98
49) 1,4-Dioxane	9.17	88	18514	340.943	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	394605	91.518	ug/l	99
52) Toluene	10.13	92	140823	18.696	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	92561	17.796	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	97720	17.812	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	56078	18.744	ug/l	98
56) Ethyl methacrylate	10.40	69	81359	17.419	ug/l	97
57) 1,3-Dichloropropane	10.68	76	97838	18.134	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	206311	84.204	ug/l	100
59) 2-Hexanone	10.72	43	285607	91.431	ug/l	100
60) Dibromochloromethane	10.87	129	60157	17.798	ug/l	97
61) 1,2-Dibromoethane	10.98	107	57866	18.617	ug/l	99
64) Tetrachloroethene	10.60	164	52004	20.067	ug/l	98
65) Chlorobenzene	11.41	112	146877	18.180	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	53907	18.203	ug/l	99
67) Ethyl Benzene	11.49	91	267908	17.609	ug/l	99
68) m/p-Xylenes	11.60	106	195190	35.584	ug/l	100
69) o-Xylene	11.92	106	93920	17.974	ug/l	99
70) Styrene	11.94	104	156544	17.864	ug/l	99
71) Bromoform	12.10	173	39253	17.792	ug/l #	97
73) Isopropylbenzene	12.23	105	253665	17.762	ug/l	99
74) N-amyl acetate	12.05	43	109072	16.134	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	80298	18.159	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	82059m	18.602	ug/l	
77) Bromobenzene	12.50	156	60141	18.721	ug/l	97
78) n-propylbenzene	12.57	91	292365	17.576	ug/l	100
79) 2-Chlorotoluene	12.65	91	179243	17.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	212266	17.824	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23813	14.800	ug/l	93
82) 4-Chlorotoluene	12.75	91	190001	18.034	ug/l	98
83) tert-Butylbenzene	12.97	119	169795	17.275	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	210565	17.505	ug/l	99
85) sec-Butylbenzene	13.15	105	227096	17.261	ug/l	99
86) p-Isopropyltoluene	13.26	119	196007	16.891	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	106325	17.857	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	112100	18.517	ug/l	98
89) n-Butylbenzene	13.59	91	171801	16.062	ug/l	98
90) Hexachloroethane	13.85	117	34700	15.704	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	106407	18.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17091	16.231	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063622.D
Acq On : 24 Sep 2020 12:36
Operator : JC/MD
Sample : VN0924WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Manual Integrations
APPROVED

MMDadoda
9/28/2020 5:16:03 PM

Quant Time: Sep 24 16:58:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55556	16.120	ug/l	99
94) Hexachlorobutadiene	14.98	225	27205	19.068	ug/l	97
95) Naphthalene	15.10	128	178935	15.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	53840	16.169	ug/l	99

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

