

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063583.D
 Acq On : 23 Sep 2020 12:55
 Operator : JC/MD
 Sample : VN0923WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:37:47 PM

Quant Time: Sep 24 02:50:53 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	7.62	168	249938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	205299	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.55	113	144452	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.06	98	543804	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.38	95	201409	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48813	17.239	ug/l	98
3) Chloromethane	2.04	50	61557	16.433	ug/l	99
4) Vinyl Chloride	2.17	62	60967	18.370	ug/l	99
5) Bromomethane	2.54	94	39774	20.185	ug/l	92
6) Chloroethane	2.68	64	37506	18.411	ug/l	96
7) Trichlorofluoromethane	2.99	101	98476	19.888	ug/l	94
8) Diethyl Ether	3.38	74	34351	17.796	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54086	19.423	ug/l	99
10) Methyl Iodide	3.91	142	61867	17.065	ug/l	98
11) Tert butyl alcohol	4.72	59	45657	77.462	ug/l #	93
12) 1,1-Dichloroethene	3.70	96	50111	17.767	ug/l	98
13) Acrolein	3.56	56	15130	69.268	ug/l	95
14) Allyl chloride	4.28	41	93899	16.831	ug/l	96
15) Acrylonitrile	4.93	53	130819	87.255	ug/l	99
16) Acetone	3.77	43	120973	88.472	ug/l	93
17) Carbon Disulfide	4.01	76	131374	16.013	ug/l	99
18) Methyl Acetate	4.28	43	64811	18.671	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	181854	17.299	ug/l	99
20) Methylene Chloride	4.50	84	63749	18.401	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	54523	17.448	ug/l	94
22) Diisopropyl ether	5.90	45	199499	17.533	ug/l	96
23) Vinyl Acetate	5.84	43	804941	86.139	ug/l	100
24) 1,1-Dichloroethane	5.80	63	111558	17.958	ug/l	98
25) 2-Butanone	6.78	43	184867	87.908	ug/l	98
26) 2,2-Dichloropropane	6.78	77	95453	17.452	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64635	18.274	ug/l	99
28) Bromochloromethane	7.15	49	52263	18.221	ug/l	98
29) Tetrahydrofuran	7.16	42	122710	85.436	ug/l	98
30) Chloroform	7.33	83	116670	18.720	ug/l	92
31) Cyclohexane	7.61	56	95628	16.274	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	98473	17.764	ug/l	99
36) 1,1-Dichloropropene	7.75	75	82858	18.208	ug/l	99
37) Ethyl Acetate	6.88	43	81003	18.137	ug/l	98
38) Carbon Tetrachloride	7.74	117	85235	18.349	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063583.D
 Acq On : 23 Sep 2020 12:55
 Operator : JC/MD
 Sample : VN0923WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0923WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:37:47 PM

Quant Time: Sep 24 02:50:53 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	81886	16.580	ug/l	95
40) Benzene	8.00	78	239703	18.453	ug/l	99
41) Methacrylonitrile	7.14	41	41264m	20.542	ug/l	
42) 1,2-Dichloroethane	8.08	62	98268	18.811	ug/l	99
43) Isopropyl Acetate	8.13	43	133867	16.763	ug/l	98
44) Trichloroethene	8.80	130	59728	18.957	ug/l	99
45) 1,2-Dichloropropane	9.08	63	65843	18.610	ug/l	98
46) Dibromomethane	9.17	93	43781	18.828	ug/l	97
47) Bromodichloromethane	9.37	83	90701	18.775	ug/l	97
48) Methyl methacrylate	9.17	41	66844	17.037	ug/l	98
49) 1,4-Dioxane	9.16	88	18988	337.232	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	407627	91.175	ug/l	98
52) Toluene	10.13	92	147613	18.900	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	94289	17.483	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	102595	18.035	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60482	19.496	ug/l	96
56) Ethyl methacrylate	10.40	69	84479	17.444	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101818	18.200	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	209784	82.576	ug/l	97
59) 2-Hexanone	10.72	43	289905	89.505	ug/l	99
60) Dibromochloromethane	10.87	129	63316	18.066	ug/l	97
61) 1,2-Dibromoethane	10.98	107	59229	18.377	ug/l	98
64) Tetrachloroethene	10.60	164	53347	20.098	ug/l	95
65) Chlorobenzene	11.41	112	158118	19.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57572	18.980	ug/l	99
67) Ethyl Benzene	11.49	91	285731	18.336	ug/l	99
68) m/p-Xylenes	11.59	106	209232	37.240	ug/l	100
69) o-Xylene	11.92	106	98232	18.354	ug/l	98
70) Styrene	11.94	104	168647	18.790	ug/l	99
71) Bromoform	12.10	173	40505	17.925	ug/l #	99
73) Isopropylbenzene	12.23	105	269546	18.345	ug/l	100
74) N-amyl acetate	12.05	43	114548	16.469	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	83830	18.426	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	90761m	19.999	ug/l	
77) Bromobenzene	12.50	156	64982	19.661	ug/l	95
78) n-propylbenzene	12.57	91	317174	18.534	ug/l	99
79) 2-Chlorotoluene	12.65	91	191696	18.686	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	228932	18.685	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	26329	15.905	ug/l	93
82) 4-Chlorotoluene	12.75	91	199643	18.419	ug/l	99
83) tert-Butylbenzene	12.97	119	182085	18.006	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	226020	18.263	ug/l	98
85) sec-Butylbenzene	13.15	105	242138	17.889	ug/l	100
86) p-Isopropyltoluene	13.26	119	215941	18.087	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	112968	18.441	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	113804	18.272	ug/l	97
89) n-Butylbenzene	13.59	91	196835	17.887	ug/l	98
90) Hexachloroethane	13.85	117	37176	16.353	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	114741	19.078	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17438	16.096	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063583.D
Acq On : 23 Sep 2020 12:55
Operator : JC/MD
Sample : VN0923WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:37:47 PM

Quant Time: Sep 24 02:50:53 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)
93) 1,2,4-Trichlorobenzene	14.88	180	60142	16.962	ug/l	99
94) Hexachlorobutadiene	14.98	225	31459	21.432	ug/l	99
95) Naphthalene	15.10	128	191021	16.307	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	57835	16.882	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\
Data File : VN063583.D
Acq On : 23 Sep 2020 12:55
Operator : JC/MD
Sample : VN0923WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0923WBS01

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:37:47 PM

Quant Time: Sep 24 02:50:53 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

