

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064431.D
 Acq On : 4 Nov 2020 12:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:23 PM

Quant Time: Nov 05 01:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	340626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	592452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	563828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	257360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	284789	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	195164	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.06	98	765641	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.37	95	293730	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	221143	49.874	ug/l	99
3) Chloromethane	2.04	50	256426	47.611	ug/l	97
4) Vinyl Chloride	2.16	62	273166	49.391	ug/l	99
5) Bromomethane	2.53	94	178140	50.418	ug/l	97
6) Chloroethane	2.67	64	172967	48.847	ug/l	99
7) Trichlorofluoromethane	2.99	101	396332	48.666	ug/l	98
8) Diethyl Ether	3.37	74	142046	49.391	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	191624	49.549	ug/l	99
10) Methyl Iodide	3.90	142	220719	49.117	ug/l	99
11) Tert butyl alcohol	4.74	59	173260	264.799	ug/l	100
12) 1,1-Dichloroethene	3.69	96	180462	49.538	ug/l	98
13) Acrolein	3.56	56	104040	256.346	ug/l	95
14) Allyl chloride	4.27	41	360998	50.657	ug/l	98
15) Acrylonitrile	4.93	53	490075	269.026	ug/l	99
16) Acetone	3.78	43	558239	247.002	ug/l	99
17) Carbon Disulfide	4.00	76	543062	49.849	ug/l	99
18) Methyl Acetate	4.28	43	215558	48.514	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	669533	51.066	ug/l	99
20) Methylene Chloride	4.50	84	217903	48.594	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	212390	51.349	ug/l	99
22) Diisopropyl ether	5.90	45	775069	51.237	ug/l	98
23) Vinyl Acetate	5.84	43	3287007	267.106	ug/l	99
24) 1,1-Dichloroethane	5.79	63	413997	49.804	ug/l	99
25) 2-Butanone	6.78	43	768827	266.988	ug/l	99
26) 2,2-Dichloropropane	6.78	77	377449	50.160	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	243458	50.796	ug/l	98
28) Bromochloromethane	7.15	49	195560	47.862	ug/l	98
29) Tetrahydrofuran	7.16	42	464792	263.082	ug/l	100
30) Chloroform	7.33	83	432142	49.457	ug/l	96
31) Cyclohexane	7.61	56	349735	48.491	ug/l	100
32) 1,1,1-Trichloroethane	7.52	97	384580	49.624	ug/l	100
36) 1,1-Dichloropropene	7.75	75	327962	52.400	ug/l	99
37) Ethyl Acetate	6.88	43	309821	48.792	ug/l	99
38) Carbon Tetrachloride	7.73	117	331898	49.617	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064431.D
 Acq On : 4 Nov 2020 12:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:19:23 PM

Quant Time: Nov 05 01:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	291811	52.010	ug/l	98
40) Benzene	8.00	78	921788	50.120	ug/l	99
41) Methacrylonitrile	7.12	41	150552	54.256	ug/l	92
42) 1,2-Dichloroethane	8.08	62	374134	50.408	ug/l	100
43) Isopropyl Acetate	8.13	43	534757	52.722	ug/l	100
44) Trichloroethene	8.80	130	232597	50.126	ug/l	98
45) 1,2-Dichloropropane	9.08	63	250790	51.105	ug/l	98
46) Dibromomethane	9.17	93	164905	51.047	ug/l	99
47) Bromodichloromethane	9.37	83	349501	50.316	ug/l	98
48) Methyl methacrylate	9.16	41	273453	53.428	ug/l	99
49) 1,4-Dioxane	9.16	88	73999	1097.686	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1594073	269.492	ug/l	100
52) Toluene	10.12	92	584804	52.134	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	392374	53.282	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	418473	53.150	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	220581	50.422	ug/l	98
56) Ethyl methacrylate	10.40	69	351040	48.816	ug/l	99
57) 1,3-Dichloropropane	10.68	76	398144	52.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	987799	286.956	ug/l	99
59) 2-Hexanone	10.72	43	1189045	246.572	ug/l	99
60) Dibromochloromethane	10.87	129	254605	51.982	ug/l	98
61) 1,2-Dibromoethane	10.97	107	232433	52.381	ug/l	100
64) Tetrachloroethene	10.60	164	209907	48.330	ug/l	97
65) Chlorobenzene	11.40	112	620497	50.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	230574	50.003	ug/l	97
67) Ethyl Benzene	11.48	91	1148075	52.219	ug/l	99
68) m/p-Xylenes	11.59	106	852228	106.884	ug/l	99
69) o-Xylene	11.92	106	399621	51.866	ug/l	96
70) Styrene	11.94	104	694442	53.562	ug/l	100
71) Bromoform	12.10	173	164071	47.453	ug/l #	99
73) Isopropylbenzene	12.22	105	1064766	52.052	ug/l	99
74) N-amyl acetate	12.04	43	495040	49.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	310775	49.463	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	291106m	46.684	ug/l	
77) Bromobenzene	12.50	156	246661	49.390	ug/l	98
78) n-propylbenzene	12.56	91	1220595	52.339	ug/l	100
79) 2-Chlorotoluene	12.65	91	762502	51.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	887799	52.609	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	115193	51.580	ug/l	98
82) 4-Chlorotoluene	12.75	91	815814	52.666	ug/l	99
83) tert-Butylbenzene	12.97	119	698479	52.996	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	892296	52.598	ug/l	100
85) sec-Butylbenzene	13.14	105	892436	53.465	ug/l	99
86) p-Isopropyltoluene	13.26	119	812287	54.101	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	441767	51.172	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	443136	49.670	ug/l	98
89) n-Butylbenzene	13.59	91	693777	53.743	ug/l	99
90) Hexachloroethane	13.85	117	147960	51.086	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	432592	52.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67265	53.772	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
Data File : VN064431.D
Acq On : 4 Nov 2020 12:47
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Manual Integrations
APPROVED

MMDadoda
11/5/2020 2:19:23 PM

Quant Time: Nov 05 01:09:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	193673	47.063	ug/l	100
94) Hexachlorobutadiene	14.98	225	81728	48.339	ug/l	100
95) Naphthalene	15.10	128	611921	43.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	180918	45.544	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110420\
Data File : VN064431.D
Acq On : 4 Nov 2020 12:47
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Manual Integrations
APPROVED

MMDadoda
11/5/2020 2:19:23 PM

Quant Time: Nov 05 01:09:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

