

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052230.D
 Acq On : 9 Nov 2018 16:28
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110918

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:18:55 AM

Quant Time: Nov 12 03:31:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	294335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	483119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	433202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	195499	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.59	113	158116	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.09	98	624008	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	209979	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	170135	53.169	ug/l	97
3) Chloromethane	2.06	50	225504	50.476	ug/l	97
4) Vinyl Chloride	2.19	62	182573	49.050	ug/l	99
5) Bromomethane	2.55	94	110512	46.795	ug/l	96
6) Chloroethane	2.69	64	102937	46.570	ug/l	97
7) Trichlorofluoromethane	3.01	101	245275	47.337	ug/l	99
8) Diethyl Ether	3.41	74	96369	47.276	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	161073	48.453	ug/l	99
10) Methyl Iodide	3.95	142	210637	48.835	ug/l	98
11) Tert butyl alcohol	4.78	59	35882	173.901	ug/l #	71
12) 1,1-Dichloroethene	3.73	96	146516	47.615	ug/l	99
13) Acrolein	3.60	56	78620	246.139	ug/l	93
14) Allyl chloride	4.32	41	298902	46.396	ug/l	96
15) Acrylonitrile	4.99	53	297914	234.915	ug/l	99
16) Acetone	3.82	43	228736	226.046	ug/l	100
17) Carbon Disulfide	4.05	76	436213	48.869	ug/l	99
18) Methyl Acetate	4.32	43	149172	44.350	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	426996	48.570	ug/l	98
20) Methylene Chloride	4.55	84	171612	46.766	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	153988	46.045	ug/l	92
22) Diisopropyl ether	5.95	45	615450	47.655	ug/l	99
23) Vinyl Acetate	5.89	43	2163002	244.083	ug/l	99
24) 1,1-Dichloroethane	5.85	63	318460	46.686	ug/l	99
25) 2-Butanone	6.83	43	360449	209.910	ug/l	99
26) 2,2-Dichloropropane	6.82	77	241946	48.563	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	181847	48.577	ug/l	99
28) Bromochloromethane	7.19	49	162451	48.197	ug/l	100
29) Tetrahydrofuran	7.21	42	240108	214.852	ug/l	99
30) Chloroform	7.37	83	301523	46.707	ug/l	99
31) Cyclohexane	7.65	56	313376	49.661	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	250975	47.696	ug/l	100
36) 1,1-Dichloropropene	7.79	75	240568	49.334	ug/l	99
37) Ethyl Acetate	6.93	43	166042	45.272	ug/l	99
38) Carbon Tetrachloride	7.78	117	219598	49.693	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052230.D
 Acq On : 9 Nov 2018 16:28
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 ICVVN110918

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 9:18:55 AM

Quant Time: Nov 12 03:31:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	295052	53.048	ug/l	99
40) Benzene	8.04	78	693450	49.668	ug/l	99
41) Methacrylonitrile	7.17	41	109084	51.185	ug/l	90
42) 1,2-Dichloroethane	8.12	62	232573	47.478	ug/l	100
43) Isopropyl Acetate	8.16	43	308532	48.262	ug/l #	88
44) Trichloroethene	8.83	130	170590	48.759	ug/l	100
45) 1,2-Dichloropropane	9.12	63	193417	49.589	ug/l	100
46) Dibromomethane	9.21	93	109176	48.730	ug/l	100
47) Bromodichloromethane	9.40	83	226059	48.700	ug/l	98
48) Methyl methacrylate	9.20	41	160580	47.672	ug/l	99
49) 1,4-Dioxane	9.20	88	19478	719.331	ug/l #	91
51) 4-Methyl-2-Pentanone	9.98	43	833843	236.183	ug/l	99
52) Toluene	10.15	92	421154	50.006	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	238059	51.971	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	280726	51.916	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	146625	48.167	ug/l	98
56) Ethyl methacrylate	10.43	69	207446	50.423	ug/l	98
57) 1,3-Dichloropropane	10.71	76	264592	48.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	589341	258.704	ug/l	99
59) 2-Hexanone	10.75	43	576669	232.677	ug/l	99
60) Dibromochloromethane	10.90	129	159116	51.532	ug/l	98
61) 1,2-Dibromoethane	11.00	107	147217	49.208	ug/l	100
64) Tetrachloroethene	10.63	164	150542	49.634	ug/l	98
65) Chlorobenzene	11.43	112	459244	50.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	157728	50.727	ug/l	98
67) Ethyl Benzene	11.51	91	819100	50.732	ug/l	100
68) m/p-Xylenes	11.62	106	616058	102.457	ug/l	98
69) o-Xylene	11.95	106	296649	51.640	ug/l	99
70) Styrene	11.96	104	480739	51.798	ug/l	99
71) Bromoform	12.13	173	94922	51.173	ug/l #	99
73) Isopropylbenzene	12.25	105	805812	49.497	ug/l	100
74) N-amyl acetate	12.07	43	291607	49.338	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	179193	44.898	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	161362m	45.795	ug/l	
77) Bromobenzene	12.53	156	186325	48.894	ug/l	98
78) n-propylbenzene	12.59	91	969589	50.851	ug/l	100
79) 2-Chlorotoluene	12.67	91	542337	49.098	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	659347	50.926	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	53095	51.436	ug/l	98
82) 4-Chlorotoluene	12.77	91	558844	50.421	ug/l	98
83) tert-Butylbenzene	12.99	119	572684	50.665	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	671710	51.455	ug/l	99
85) sec-Butylbenzene	13.17	105	806050	52.000	ug/l	99
86) p-Isopropyltoluene	13.29	119	680737	52.494	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	335682	50.601	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	333692	50.245	ug/l	100
89) n-Butylbenzene	13.61	91	619871	53.681	ug/l	98
90) Hexachloroethane	13.87	117	113050	49.668	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	318687	49.224	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25969	45.768	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
Data File : VN052230.D
Acq On : 9 Nov 2018 16:28
Operator : MD\SY
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110918

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:55 AM

Quant Time: Nov 12 03:31:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	147591	57.651	ug/l	99
94) Hexachlorobutadiene	15.01	225	82573	59.357	ug/l	98
95) Naphthalene	15.13	128	336365	53.310	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	129749	53.605	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110918\
Data File : VN052230.D
Acq On : 9 Nov 2018 16:28
Operator : MD\SY
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110918

Manual Integrations
APPROVED

MMDadoda
11/12/2018 9:18:55 AM

Quant Time: Nov 12 03:31:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
Response via : Initial Calibration

