

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052378.D
 Acq On : 19 Nov 2018 11:36
 Operator : MD\SY
 Sample : VN1119WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 11:39:12 AM

Quant Time: Nov 20 07:25:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	310408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	509973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196056	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	229056	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	7.59	113	174770	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.09	98	666340	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	218278	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.86	85	67747	20.60	ug/l	97
3) Chloromethane	2.07	50	87696	19.18	ug/l	100
4) Vinyl Chloride	2.19	62	76406	19.34	ug/l	97
5) Bromomethane	2.58	94	42543	17.27	ug/l	97
6) Chloroethane	2.72	64	45841	20.52	ug/l	93
7) Trichlorofluoromethane	3.03	101	116575	21.32	ug/l	99
8) Diethyl Ether	3.42	74	38457	18.45	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	68552	19.85	ug/l	97
10) Methyl Iodide	3.96	142	68080	14.68	ug/l	96
11) Tert butyl alcohol	4.78	59	18909	81.67	ug/l	100
12) 1,1-Dichloroethene	3.75	96	59819	18.72	ug/l	97
13) Acrolein	3.62	56	19544	72.86	ug/l	95
14) Allyl chloride	4.33	41	132223	20.15	ug/l	98
15) Acrylonitrile	4.99	53	118490	89.63	ug/l	99
16) Acetone	3.82	43	123914	102.65	ug/l	97
17) Carbon Disulfide	4.06	76	192442	21.00	ug/l	96
18) Methyl Acetate	4.33	43	58249	17.50	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	178053	19.39	ug/l	98
20) Methylene Chloride	4.56	84	70936	18.88	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	64982	18.89	ug/l	98
22) Diisopropyl ether	5.95	45	273408	20.42	ug/l	98
23) Vinyl Acetate	5.90	43	800685	88.17	ug/l	99
24) 1,1-Dichloroethane	5.85	63	139788	19.47	ug/l	99
25) 2-Butanone	6.84	43	162981	95.92	ug/l	97
26) 2,2-Dichloropropane	6.83	77	100547	19.05	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	79364	19.82	ug/l	99
28) Bromochloromethane	7.20	49	76844	20.82	ug/l	99
29) Tetrahydrofuran	7.21	42	103809	93.00	ug/l	99
30) Chloroform	7.37	83	139840	20.44	ug/l	96
31) Cyclohexane	7.66	56	138952	20.22	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	115804	19.87	ug/l	97
36) 1,1-Dichloropropene	7.80	75	105149	20.57	ug/l	99
37) Ethyl Acetate	6.93	43	64018	17.26	ug/l	97
38) Carbon Tetrachloride	7.78	117	101183	21.55	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
 Data File : VN052378.D
 Acq On : 19 Nov 2018 11:36
 Operator : MD\SY
 Sample : VN1119WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2018 11:39:12 AM

Quant Time: Nov 20 07:25:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	119367	20.46	ug/l	96
40) Benzene	8.04	78	294457	20.17	ug/l	96
41) Methacrylonitrile	7.17	41	36306	20.01	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	112869	21.68	ug/l	99
43) Isopropyl Acetate	8.16	43	119640	16.71	ug/l	95
44) Trichloroethene	8.84	130	74419	20.69	ug/l	100
45) 1,2-Dichloropropane	9.12	63	82371	19.88	ug/l	96
46) Dibromomethane	9.21	93	47709	19.89	ug/l	98
47) Bromodichloromethane	9.40	83	107569	21.85	ug/l	99
48) Methyl methacrylate	9.20	41	59750	16.45	ug/l	99
49) 1,4-Dioxane	9.20	88	11338	406.63	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	344664	95.65	ug/l	100
52) Toluene	10.15	92	181183	20.74	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	99510	20.04	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	117749	20.80	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	63364	20.01	ug/l	98
56) Ethyl methacrylate	10.43	69	72069	17.31	ug/l	98
57) 1,3-Dichloropropane	10.71	76	113219	20.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	233670	98.55	ug/l	99
59) 2-Hexanone	10.75	43	233912	94.38	ug/l	98
60) Dibromochloromethane	10.90	129	73544	21.47	ug/l	100
61) 1,2-Dibromoethane	11.00	107	59286	18.79	ug/l	97
64) Tetrachloroethene	10.63	164	66030	20.72	ug/l	98
65) Chlorobenzene	11.43	112	194531	20.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	68363	21.15	ug/l	99
67) Ethyl Benzene	11.51	91	350951	21.34	ug/l	99
68) m/p-Xylenes	11.62	106	255713	42.55	ug/l	98
69) o-Xylene	11.95	106	124278	21.57	ug/l	99
70) Styrene	11.96	104	194015	21.03	ug/l	98
71) Bromoform	12.13	173	42640	22.35	ug/l #	96
73) Isopropylbenzene	12.25	105	339889	21.56	ug/l	98
74) N-amyl acetate	12.07	43	92521	16.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	73986	19.42	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	58968m	17.73	ug/l	
77) Bromobenzene	12.53	156	75072	20.47	ug/l	100
78) n-propylbenzene	12.59	91	400313	21.71	ug/l	100
79) 2-Chlorotoluene	12.67	91	229777	21.34	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	274036	21.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18776	18.31	ug/l	94
82) 4-Chlorotoluene	12.77	91	230319	20.87	ug/l	99
83) tert-Butylbenzene	12.99	119	238178	21.52	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	279074	22.18	ug/l	98
85) sec-Butylbenzene	13.17	105	330632	21.93	ug/l	100
86) p-Isopropyltoluene	13.29	119	278053	21.77	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	135975	20.88	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	133705	20.65	ug/l	99
89) n-Butylbenzene	13.61	91	242111	22.07	ug/l	100
90) Hexachloroethane	13.87	117	51162	22.62	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	126346	20.02	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10858	19.32	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111918\
Data File : VN052378.D
Acq On : 19 Nov 2018 11:36
Operator : MD\SY
Sample : VN1119WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Manual Integrations
APPROVED

MMDadoda
11/20/2018 11:39:12 AM

Quant Time: Nov 20 07:25:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55793	20.40	ug/l	99
94) Hexachlorobutadiene	15.01	225	34580	23.94	ug/l	97
95) Naphthalene	15.13	128	117352	18.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49418	20.61	ug/l	96

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

