

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052428.D
 Acq On : 21 Nov 2018 10:44
 Operator : MD\SY
 Sample : VN1121WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 4:56:31 PM

Quant Time: Nov 22 00:16:11 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	7.67	168	266115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	439437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	387931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	167803	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	198405	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.59	113	146070	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.09	98	542501	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.40	95	181070	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	55847	19.80	ug/l	99
3) Chloromethane	2.06	50	71714	18.30	ug/l	99
4) Vinyl Chloride	2.19	62	63834	18.84	ug/l	100
5) Bromomethane	2.58	94	35122	16.63	ug/l	93
6) Chloroethane	2.71	64	36940	19.29	ug/l	99
7) Trichlorofluoromethane	3.02	101	98980	21.12	ug/l	97
8) Diethyl Ether	3.41	74	31772	17.78	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.77	101	58747	19.85	ug/l	97
10) Methyl Iodide	3.96	142	61850	15.56	ug/l	95
11) Tert butyl alcohol	4.78	59	15456	77.87	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	50064	18.28	ug/l	95
13) Acrolein	3.61	56	22367	89.97	ug/l	96
14) Allyl chloride	4.33	41	111912	19.90	ug/l	95
15) Acrylonitrile	4.99	53	100446	88.62	ug/l	98
16) Acetone	3.82	43	106138	102.56	ug/l	94
17) Carbon Disulfide	4.06	76	150286	19.13	ug/l	99
18) Methyl Acetate	4.32	43	51805	18.14	ug/l	97
19) Methyl tert-butyl Ether	5.04	73	148916	18.92	ug/l	98
20) Methylene Chloride	4.55	84	61877	19.22	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	56145	19.04	ug/l	98
22) Diisopropyl ether	5.95	45	232139	20.23	ug/l	98
23) Vinyl Acetate	5.90	43	714690	91.80	ug/l	99
24) 1,1-Dichloroethane	5.85	63	122020	19.83	ug/l	99
25) 2-Butanone	6.84	43	137816	94.61	ug/l	97
26) 2,2-Dichloropropane	6.83	77	85632	18.92	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	63666	18.54	ug/l	94
28) Bromochloromethane	7.20	49	59739	18.88	ug/l	96
29) Tetrahydrofuran	7.21	42	83535	87.30	ug/l	99
30) Chloroform	7.37	83	118328	20.18	ug/l	94
31) Cyclohexane	7.66	56	115738	19.61	ug/l #	96
32) 1,1,1-Trichloroethane	7.57	97	99026	19.82	ug/l	97
36) 1,1-Dichloropropene	7.80	75	88885	20.18	ug/l	99
37) Ethyl Acetate	6.93	43	58661	18.35	ug/l	96
38) Carbon Tetrachloride	7.77	117	86989	21.50	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052428.D
 Acq On : 21 Nov 2018 10:44
 Operator : MD\SY
 Sample : VN1121WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1121WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 4:56:31 PM

Quant Time: Nov 22 00:16:11 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	99280	19.75	ug/l	96
40) Benzene	8.04	78	248364	19.74	ug/l	97
41) Methacrylonitrile	7.18	41	34869	21.88	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	95362	21.25	ug/l	100
43) Isopropyl Acetate	8.16	43	108572	17.60	ug/l	99
44) Trichloroethene	8.84	130	62048	20.02	ug/l	99
45) 1,2-Dichloropropane	9.12	63	71273	19.96	ug/l	98
46) Dibromomethane	9.21	93	40542	19.61	ug/l	96
47) Bromodichloromethane	9.40	83	90100	21.24	ug/l	97
48) Methyl methacrylate	9.20	41	55096	17.60	ug/l	95
49) 1,4-Dioxane	9.20	88	9154	381.00	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	291571	93.91	ug/l	99
52) Toluene	10.16	92	148925	19.79	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	82095	19.19	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	96701	19.83	ug/l	93
55) 1,1,2-Trichloroethane	10.56	97	52774	19.34	ug/l	94
56) Ethyl methacrylate	10.43	69	61839	17.23	ug/l	92
57) 1,3-Dichloropropane	10.71	76	93951	19.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	187083	91.57	ug/l	100
59) 2-Hexanone	10.75	43	198884	93.13	ug/l	97
60) Dibromochloromethane	10.90	129	58612	19.85	ug/l	99
61) 1,2-Dibromoethane	11.01	107	50697	18.65	ug/l	99
64) Tetrachloroethene	10.63	164	56470	20.48	ug/l	97
65) Chlorobenzene	11.43	112	159823	19.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	56557	20.23	ug/l	100
67) Ethyl Benzene	11.51	91	290992	20.45	ug/l	98
68) m/p-Xylenes	11.62	106	208781	40.15	ug/l	95
69) o-Xylene	11.95	106	102562	20.58	ug/l	99
70) Styrene	11.97	104	164690	20.63	ug/l	98
71) Bromoform	12.13	173	33433	20.25	ug/l #	99
73) Isopropylbenzene	12.25	105	281167	20.84	ug/l	97
74) N-amyl acetate	12.07	43	79550	16.55	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	61585	18.88	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	54184m	19.03	ug/l	
77) Bromobenzene	12.53	156	63136	20.11	ug/l	99
78) n-propylbenzene	12.59	91	327136	20.73	ug/l	99
79) 2-Chlorotoluene	12.68	91	191190	20.74	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	224571	20.93	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	14725	16.77	ug/l	86
82) 4-Chlorotoluene	12.77	91	194382	20.58	ug/l	97
83) tert-Butylbenzene	12.99	119	199217	21.03	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	225225	20.91	ug/l	98
85) sec-Butylbenzene	13.17	105	271638	21.05	ug/l	100
86) p-Isopropyltoluene	13.29	119	232261	21.25	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	111472	19.99	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	110167	19.88	ug/l	100
89) n-Butylbenzene	13.62	91	199586	21.26	ug/l	99
90) Hexachloroethane	13.88	117	40180	20.76	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	106591	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9459	19.67	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
Data File : VN052428.D
Acq On : 21 Nov 2018 10:44
Operator : MD\SY
Sample : VN1121WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS01

Manual Integrations
APPROVED

MMDadoda
11/26/2018 4:56:31 PM

Quant Time: Nov 22 00:16:11 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	43369	18.73	ug/l	98
94) Hexachlorobutadiene	15.01	225	28217	22.82	ug/l	98
95) Naphthalene	15.13	128	92667	17.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	39975	19.48	ug/l	95

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

