

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053183.D
 Acq On : 24 Dec 2018 14:20
 Operator : MD\SY
 Sample : VN1224WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:53:58 AM

Quant Time: Dec 25 00:10:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	956080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1485079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1331705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	579846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	486472	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	395181	58.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.50%	
50) Toluene-d8	10.09	98	1775929	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	614668	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	179423	18.543	ug/l	99
3) Chloromethane	2.06	50	232854	19.859	ug/l	100
4) Vinyl Chloride	2.19	62	233160	19.634	ug/l	100
5) Bromomethane	2.57	94	148135	18.005	ug/l	100
6) Chloroethane	2.71	64	139842	19.883	ug/l	100
7) Trichlorofluoromethane	3.02	101	291217	19.685	ug/l	100
8) Diethyl Ether	3.41	74	119566	21.424	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	184964	19.610	ug/l	99
10) Methyl Iodide	3.96	142	242877	18.336	ug/l	99
11) Tert butyl alcohol	4.78	59	65155	110.059	ug/l	99
12) 1,1-Dichloroethene	3.74	96	179547	19.703	ug/l	99
13) Acrolein	3.61	56	63990	119.208	ug/l	98
14) Allyl chloride	4.33	41	286178	20.274	ug/l	97
15) Acrylonitrile	4.99	53	356596	108.425	ug/l	99
16) Acetone	3.82	43	216313	113.709	ug/l	98
17) Carbon Disulfide	4.06	76	497463	16.739	ug/l	99
18) Methyl Acetate	4.33	43	193179	22.922	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	523967	21.486	ug/l	98
20) Methylene Chloride	4.55	84	217601	20.970	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	194384	19.854	ug/l	99
22) Diisopropyl ether	5.95	45	662812	21.999	ug/l	98
23) Vinyl Acetate	5.90	43	1920093	110.826	ug/l	99
24) 1,1-Dichloroethane	5.85	63	373249	20.848	ug/l	99
25) 2-Butanone	6.84	43	371148	116.253	ug/l	97
26) 2,2-Dichloropropane	6.83	77	255397	18.687	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	227209	20.498	ug/l	99
28) Bromochloromethane	7.20	49	167325	21.568	ug/l	97
29) Tetrahydrofuran	7.21	42	263876	110.666	ug/l	99
30) Chloroform	7.37	83	364827	20.743	ug/l	100
31) Cyclohexane	7.66	56	344373	19.876	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	300116	20.031	ug/l	99
36) 1,1-Dichloropropene	7.79	75	274677	19.270	ug/l	98
37) Ethyl Acetate	6.93	43	174721	21.957	ug/l	99
38) Carbon Tetrachloride	7.78	117	254917	19.511	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053183.D
 Acq On : 24 Dec 2018 14:20
 Operator : MD\SY
 Sample : VN1224WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:53:58 AM

Quant Time: Dec 25 00:10:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	314545	18.165	ug/l	96
40) Benzene	8.04	78	858984	20.260	ug/l	98
41) Methacrylonitrile	7.17	41	107969	23.483	ug/l	91
42) 1,2-Dichloroethane	8.12	62	255776	20.421	ug/l	99
43) Isopropyl Acetate	8.16	43	326198	20.568	ug/l	99
44) Trichloroethene	8.84	130	235683	19.218	ug/l	97
45) 1,2-Dichloropropane	9.12	63	231198	20.935	ug/l	98
46) Dibromomethane	9.21	93	131066	20.373	ug/l	98
47) Bromodichloromethane	9.40	83	274682	20.086	ug/l	99
48) Methyl methacrylate	9.20	41	162380	21.029	ug/l	99
49) 1,4-Dioxane	9.20	88	39810	407.576	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	861814	111.835	ug/l	99
52) Toluene	10.16	92	539185	20.517	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	280122	19.480	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	327455	19.839	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	193552	21.111	ug/l	98
56) Ethyl methacrylate	10.43	69	257694	21.235	ug/l	98
57) 1,3-Dichloropropane	10.71	76	331787	21.103	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	713649	107.121	ug/l	99
59) 2-Hexanone	10.75	43	582285	111.681	ug/l	99
60) Dibromochloromethane	10.90	129	210081	20.018	ug/l	99
61) 1,2-Dibromoethane	11.01	107	190973	20.510	ug/l	100
64) Tetrachloroethene	10.63	164	256824	17.804	ug/l	99
65) Chlorobenzene	11.43	112	593987	20.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	207039	20.168	ug/l	99
67) Ethyl Benzene	11.51	91	1025923	20.208	ug/l	100
68) m/p-Xylenes	11.62	106	765569	39.668	ug/l	99
69) o-Xylene	11.95	106	383475	20.707	ug/l	98
70) Styrene	11.96	104	613595	20.319	ug/l	100
71) Bromoform	12.13	173	144426	19.475	ug/l #	99
73) Isopropylbenzene	12.25	105	989998	21.822	ug/l	99
74) N-amyl acetate	12.07	43	283838	22.534	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	222614	25.011	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	209793m	21.493	ug/l	
77) Bromobenzene	12.53	156	258473	21.917	ug/l	98
78) n-propylbenzene	12.59	91	1095983	21.211	ug/l	100
79) 2-Chlorotoluene	12.67	91	665469	20.778	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	773157	20.908	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59811	19.750	ug/l	99
82) 4-Chlorotoluene	12.77	91	661044	21.085	ug/l	100
83) tert-Butylbenzene	12.99	119	690712	21.120	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	774272	20.828	ug/l	99
85) sec-Butylbenzene	13.17	105	890391	20.128	ug/l	100
86) p-Isopropyltoluene	13.29	119	754102	19.729	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	417293	19.993	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	406658	19.239	ug/l	99
89) n-Butylbenzene	13.62	91	589398	17.923	ug/l	99
90) Hexachloroethane	13.88	117	115854	19.751	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	394074	20.061	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29520	19.182	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
Data File : VN053183.D
Acq On : 24 Dec 2018 14:20
Operator : MD\SY
Sample : VN1224WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1224WBSD01

Manual Integrations
APPROVED

MMDadoda
12/26/2018 10:53:58 AM

Quant Time: Dec 25 00:10:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	177611	17.458	ug/l	100
94) Hexachlorobutadiene	15.01	225	114441	19.485	ug/l	99
95) Naphthalene	15.13	128	392249	17.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	160606	17.471	ug/l	99

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

