

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053151.D
 Acq On : 23 Dec 2018 00:19
 Operator : MD\SY
 Sample : VN1222MBSD02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 9:11:04 AM

Quant Time: Dec 24 01:24:24 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	960280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1490181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1336029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	577772	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	538652	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
35) Dibromofluoromethane	7.59	113	433732	63.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.44%	
50) Toluene-d8	10.09	98	1948824	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.40	95	668221	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	183026	18.832	ug/l	96
3) Chloromethane	2.06	50	232124	19.710	ug/l	99
4) Vinyl Chloride	2.19	62	233659	19.590	ug/l	100
5) Bromomethane	2.57	94	152275	18.427	ug/l	100
6) Chloroethane	2.71	64	140635	19.909	ug/l	99
7) Trichlorofluoromethane	3.02	101	298572	20.094	ug/l	100
8) Diethyl Ether	3.41	74	117905	21.034	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	188326	19.879	ug/l	98
10) Methyl Iodide	3.96	142	254797	19.152	ug/l	98
11) Tert butyl alcohol	4.78	59	63494	106.784	ug/l #	93
12) 1,1-Dichloroethene	3.74	96	184218	20.127	ug/l	97
13) Acrolein	3.61	56	64081	118.855	ug/l	100
14) Allyl chloride	4.33	41	299045	21.093	ug/l	95
15) Acrylonitrile	4.99	53	357093	108.101	ug/l	99
16) Acetone	3.81	43	226981	118.795	ug/l	96
17) Carbon Disulfide	4.06	76	496801	16.644	ug/l	99
18) Methyl Acetate	4.33	43	192046	22.698	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	535874	21.878	ug/l	99
20) Methylene Chloride	4.56	84	217113	20.831	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	198633	20.199	ug/l	99
22) Diisopropyl ether	5.95	45	666836	22.036	ug/l	99
23) Vinyl Acetate	5.90	43	1910994	109.819	ug/l	100
24) 1,1-Dichloroethane	5.85	63	381366	21.208	ug/l	100
25) 2-Butanone	6.84	43	370722	115.612	ug/l	99
26) 2,2-Dichloropropane	6.83	77	228614	16.654	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	231619	20.805	ug/l	98
28) Bromochloromethane	7.20	49	164637	21.129	ug/l	98
29) Tetrahydrofuran	7.21	42	266758	111.385	ug/l	99
30) Chloroform	7.37	83	370313	20.963	ug/l	100
31) Cyclohexane	7.66	56	346856	19.934	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	302650	20.112	ug/l	99
36) 1,1-Dichloropropene	7.80	75	281976	19.714	ug/l	100
37) Ethyl Acetate	6.93	43	174269	21.825	ug/l	97
38) Carbon Tetrachloride	7.77	117	257660	19.653	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053151.D
 Acq On : 23 Dec 2018 00:19
 Operator : MD\SY
 Sample : VN1222MBSD02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1222MBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 9:11:04 AM

Quant Time: Dec 24 01:24:24 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	314897	18.123	ug/l	99
40) Benzene	8.04	78	871138	20.476	ug/l	99
41) Methacrylonitrile	7.17	41	101740	22.053	ug/l	96
42) 1,2-Dichloroethane	8.12	62	260365	20.716	ug/l	99
43) Isopropyl Acetate	8.16	43	332335	20.900	ug/l	99
44) Trichloroethene	8.84	130	240666	19.558	ug/l	96
45) 1,2-Dichloropropane	9.12	63	233026	21.028	ug/l	100
46) Dibromomethane	9.21	93	131964	20.442	ug/l	99
47) Bromodichloromethane	9.40	83	275812	20.100	ug/l	100
48) Methyl methacrylate	9.20	41	162799	21.011	ug/l	98
49) 1,4-Dioxane	9.20	88	39172	399.671	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	880330	113.847	ug/l	100
52) Toluene	10.16	92	541376	20.530	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	273056	18.923	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	322607	19.478	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	193239	21.005	ug/l	99
56) Ethyl methacrylate	10.43	69	255599	20.991	ug/l	98
57) 1,3-Dichloropropane	10.71	76	330118	20.925	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	722459	108.072	ug/l	99
59) 2-Hexanone	10.75	43	579686	110.802	ug/l	98
60) Dibromochloromethane	10.90	129	206365	19.596	ug/l	100
61) 1,2-Dibromoethane	11.01	107	192693	20.624	ug/l	99
64) Tetrachloroethene	10.63	164	260047	17.969	ug/l	99
65) Chlorobenzene	11.44	112	593099	20.026	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	204818	19.887	ug/l	99
67) Ethyl Benzene	11.51	91	1029360	20.211	ug/l	100
68) m/p-Xylenes	11.62	106	774318	39.992	ug/l	99
69) o-Xylene	11.95	106	379000	20.399	ug/l	98
70) Styrene	11.96	104	620910	20.495	ug/l	99
71) Bromoform	12.13	173	138519	18.618	ug/l #	99
73) Isopropylbenzene	12.25	105	998631	22.091	ug/l	100
74) N-amyl acetate	12.07	43	282966	22.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	221953	25.027	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	189018m	19.434	ug/l	
77) Bromobenzene	12.53	156	257089	21.878	ug/l	99
78) n-propylbenzene	12.59	91	1090773	21.186	ug/l	99
79) 2-Chlorotoluene	12.68	91	667238	20.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	777630	21.105	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	55567	18.414	ug/l	99
82) 4-Chlorotoluene	12.77	91	661665	21.180	ug/l	100
83) tert-Butylbenzene	12.99	119	690911	21.202	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	788846	21.297	ug/l	99
85) sec-Butylbenzene	13.17	105	889358	20.177	ug/l	100
86) p-Isopropyltoluene	13.29	119	756522	19.863	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	418412	20.118	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	411501	19.538	ug/l	99
89) n-Butylbenzene	13.62	91	577358	17.620	ug/l	100
90) Hexachloroethane	13.88	117	113951	19.496	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	395870	20.225	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29785	19.424	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
Data File : VN053151.D
Acq On : 23 Dec 2018 00:19
Operator : MD\SY
Sample : VN1222MBSD02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 31 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1222MBSD02

Manual Integrations
APPROVED

MMDadoda
12/24/2018 9:11:04 AM

Quant Time: Dec 24 01:24:24 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	179646	17.713	ug/l	100
94) Hexachlorobutadiene	15.01	225	111127	18.911	ug/l	99
95) Naphthalene	15.13	128	414212	18.962	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	166522	18.159	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053151.D
 Acq On : 23 Dec 2018 00:19
 Operator : MD\SY
 Sample : VN1222MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 Client Sample ID :
 VN1222MBS02

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 9:11:04 AM

Quant Time: Dec 24 01:24:24 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

