

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051733.D
 Acq On : 8 Oct 2018 14:10
 Operator : MD\SY
 Sample : J5165-07MS 10X
 Misc : 6.10µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MS

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 11:48:37 AM

Quant Time: Oct 09 05:09:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	635959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	984304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	985144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	636710	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	413148	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	7.59	113	370184	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	10.09	98	1452064	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	564314	56.15	ug/l	0.00
Spiked Amount			Recovery	=	112.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	408817	51.369	ug/l	97
3) Chloromethane	2.06	50	339114	46.725	ug/l	99
4) Vinyl Chloride	2.18	62	531349	46.476	ug/l	100
5) Bromomethane	2.54	94	386187	43.925	ug/l	98
6) Chloroethane	2.69	64	362910	47.231	ug/l	99
7) Trichlorofluoromethane	3.00	101	686473	57.888	ug/l	98
8) Diethyl Ether	3.41	74	166314	49.921	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	311362	49.000	ug/l	99
10) Methyl Iodide	3.95	142	396234	47.295	ug/l	100
11) Tert butyl alcohol	4.79	59	143559	251.432	ug/l	98
12) 1,1-Dichloroethene	3.73	96	286617	48.395	ug/l	97
13) Acrolein	3.61	56	77764	218.004	ug/l	98
14) Allyl chloride	4.32	41	402711	44.582	ug/l	98
15) Acrylonitrile	4.99	53	490612	249.006	ug/l	99
16) Acetone	3.82	43	347300	246.804	ug/l	100
17) Carbon Disulfide	4.05	76	795242	44.175	ug/l	99
18) Methyl Acetate	4.33	43	248386	53.564	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	942619	48.219	ug/l	99
20) Methylene Chloride	4.55	84	323371	46.783	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	327090	46.606	ug/l	92
22) Diisopropyl ether	5.96	45	901752	46.571	ug/l	98
23) Vinyl Acetate	5.90	43	3344303	234.896	ug/l	97
24) 1,1-Dichloroethane	5.85	63	575937	46.248	ug/l	99
25) 2-Butanone	6.84	43	577747	238.149	ug/l	97
26) 2,2-Dichloropropane	6.82	77	531913	42.623	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	387170	47.522	ug/l	95
28) Bromochloromethane	7.20	49	252586	45.815	ug/l	93
29) Tetrahydrofuran	7.22	42	378827	254.460	ug/l	97
30) Chloroform	7.37	83	668665	47.790	ug/l	99
31) Cyclohexane	7.65	56	509794	44.700	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	660145	48.676	ug/l	98
36) 1,1-Dichloropropene	7.80	75	482013	46.850	ug/l	98
37) Ethyl Acetate	6.93	43	266417	49.650	ug/l	100
38) Carbon Tetrachloride	7.78	117	595170	48.210	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051733.D
 Acq On : 8 Oct 2018 14:10
 Operator : MD\SY
 Sample : J5165-07MS 10X
 Misc : 6.10µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MS

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 11:48:37 AM

Quant Time: Oct 09 05:09:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	626716	48.527	ug/l	97
40) Benzene	8.04	78	1507390	49.423	ug/l	98
41) Methacrylonitrile	7.18	41	118459	42.803	ug/l	86
42) 1,2-Dichloroethane	8.13	62	503247	48.960	ug/l	100
43) Isopropyl Acetate	8.17	43	557551	49.837	ug/l	98
44) Trichloroethene	8.84	130	432774	49.973	ug/l	99
45) 1,2-Dichloropropane	9.12	63	357761	47.443	ug/l	99
46) Dibromomethane	9.21	93	261656	49.921	ug/l	98
47) Bromodichloromethane	9.41	83	556515	48.232	ug/l	99
48) Methyl methacrylate	9.20	41	258321	50.532	ug/l	99
49) 1,4-Dioxane	9.20	88	85740	1118.532	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1462087	257.908	ug/l	99
52) Toluene	10.16	92	1040925	51.314	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	577999	48.547	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	591384	46.776	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	376356	52.081	ug/l	98
56) Ethyl methacrylate	10.43	69	485768	53.156	ug/l	97
57) 1,3-Dichloropropane	10.71	76	584235	51.082	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	976407	258.163	ug/l	97
59) 2-Hexanone	10.75	43	1005524	261.174	ug/l	99
60) Dibromochloromethane	10.90	129	487356	51.535	ug/l	98
61) 1,2-Dibromoethane	11.01	107	403112	52.768	ug/l	98
64) Tetrachloroethene	10.63	164	428274	49.276	ug/l	98
65) Chlorobenzene	11.44	112	1216818	49.872	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	482367	49.376	ug/l	99
67) Ethyl Benzene	11.51	91	2071602	49.123	ug/l	100
68) m/p-Xylenes	11.62	106	1694639	100.431	ug/l	97
69) o-Xylene	11.95	106	839238	50.715	ug/l	98
70) Styrene	11.96	104	1340437	50.835	ug/l	98
71) Bromoform	12.13	173	370065	50.928	ug/l #	100
73) Isopropylbenzene	12.25	105	2372911	43.720	ug/l	100
74) N-amyl acetate	12.07	43	832196	75.886	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.51	83	538878	51.309	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	401680m	50.842	ug/l	
77) Bromobenzene	12.53	156	587311	44.255	ug/l	96
78) n-propylbenzene	12.59	91	2802078	47.333	ug/l	99
79) 2-Chlorotoluene	12.68	91	1507027	43.194	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2125223	46.463	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	141943	40.979	ug/l	98
82) 4-Chlorotoluene	12.77	91	1519132	43.343	ug/l	96
83) tert-Butylbenzene	12.99	119	1865109	45.507	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4422059	96.519	ug/l	98
85) sec-Butylbenzene	13.17	105	2781926	51.313	ug/l	96
86) p-Isopropyltoluene	13.29	119	2621372	54.542	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1122051	48.521	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	1078762	47.394	ug/l	97
89) n-Butylbenzene	13.62	91	2092863	55.074	ug/l	93
90) Hexachloroethane	13.88	117	464563	48.447	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	1103444	48.000	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	87973	46.141	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
Data File : VN051733.D
Acq On : 8 Oct 2018 14:10
Operator : MD\SY
Sample : J5165-07MS 10X
Misc : 6.10g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MS

Manual Integrations
APPROVED

MMDadoda
10/10/2018 11:48:37 AM

Quant Time: Oct 09 05:09:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	537425	52.537	ug/l	98
94) Hexachlorobutadiene	15.01	225	368467	53.089	ug/l	99
95) Naphthalene	15.13	128	1160122	52.518	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	516283	51.246	ug/l	99

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

