

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051757.D
 Acq On : 9 Oct 2018 18:57
 Operator : MD\SY
 Sample : J5165-07MS 10X
 Misc : 6.10g/10mL/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 10:50:21 AM

Quant Time: Oct 10 04:22:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	630765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	954276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	933667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	600150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	400491	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	7.59	113	375709	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.09	98	1423639	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.40	95	552134	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	352375	44.792	ug/l	99
3) Chloromethane	2.06	50	306150	42.530	ug/l	99
4) Vinyl Chloride	2.18	62	489573	43.175	ug/l	100
5) Bromomethane	2.54	94	397636	45.600	ug/l	99
6) Chloroethane	2.69	64	341666	44.832	ug/l	99
7) Trichlorofluoromethane	3.00	101	653909	55.541	ug/l	100
8) Diethyl Ether	3.41	74	160732	48.643	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	298660	47.388	ug/l	98
10) Methyl Iodide	3.95	142	411994	49.468	ug/l	99
11) Tert butyl alcohol	4.80	59	145402	256.757	ug/l	98
12) 1,1-Dichloroethene	3.73	96	268854	45.769	ug/l	96
13) Acrolein	3.61	56	60643	159.963	ug/l	98
14) Allyl chloride	4.32	41	380438	42.463	ug/l	99
15) Acrylonitrile	4.99	53	484454	247.906	ug/l	99
16) Acetone	3.82	43	339954	243.303	ug/l	100
17) Carbon Disulfide	4.05	76	713521	39.962	ug/l	100
18) Methyl Acetate	4.33	43	248083	53.940	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	896404	46.232	ug/l	98
20) Methylene Chloride	4.55	84	322095	46.982	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	311765	44.788	ug/l	91
22) Diisopropyl ether	5.96	45	851343	44.329	ug/l	96
23) Vinyl Acetate	5.90	43	3140790	222.419	ug/l	97
24) 1,1-Dichloroethane	5.85	63	548075	44.374	ug/l	99
25) 2-Butanone	6.84	43	568008	236.063	ug/l	96
26) 2,2-Dichloropropane	6.83	77	537165	43.398	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	385701	47.731	ug/l	94
28) Bromochloromethane	7.20	49	241294	44.127	ug/l	87
29) Tetrahydrofuran	7.22	42	362571	245.546	ug/l	92
30) Chloroform	7.37	83	658981	47.486	ug/l	99
31) Cyclohexane	7.66	56	482981	42.698	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	638819	47.492	ug/l	98
36) 1,1-Dichloropropene	7.80	75	470514	47.171	ug/l	97
37) Ethyl Acetate	6.93	43	257343	49.468	ug/l	99
38) Carbon Tetrachloride	7.78	117	579540	48.421	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	606760	48.460	ug/l	96
40) Benzene	8.04	78	1443849	48.829	ug/l	100
41) Methacrylonitrile	7.18	41	127264	47.465	ug/l	93
42) 1,2-Dichloroethane	8.13	62	477428	47.910	ug/l	99
43) Isopropyl Acetate	8.17	43	514376	47.424	ug/l	96
44) Trichloroethene	8.84	130	428692	51.060	ug/l	100
45) 1,2-Dichloropropane	9.12	63	339529	46.443	ug/l	100
46) Dibromomethane	9.21	93	259442	51.056	ug/l	98
47) Bromodichloromethane	9.40	83	539380	48.218	ug/l	100
48) Methyl methacrylate	9.20	41	241711	48.770	ug/l	96
49) 1,4-Dioxane	9.20	88	83872	1128.593	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1389008	252.727	ug/l	97
52) Toluene	10.16	92	992119	50.447	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	555590	48.133	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	581077	47.407	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	368295	52.569	ug/l	97
56) Ethyl methacrylate	10.43	69	458832	51.788	ug/l	96
57) 1,3-Dichloropropane	10.71	76	565812	51.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	940859	256.592	ug/l	95
59) 2-Hexanone	10.75	43	957961	256.650	ug/l	99
60) Dibromochloromethane	10.90	129	475845	51.901	ug/l	99
61) 1,2-Dibromoethane	11.01	107	393285	53.101	ug/l	99
64) Tetrachloroethene	10.63	164	414772	50.353	ug/l	98
65) Chlorobenzene	11.43	112	1155345	49.963	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	461612	49.856	ug/l	100
67) Ethyl Benzene	11.51	91	1967345	49.223	ug/l	99
68) m/p-Xylenes	11.62	106	1613998	100.926	ug/l	98
69) o-Xylene	11.95	106	806075	51.397	ug/l	98
70) Styrene	11.96	104	1285532	51.441	ug/l	98
71) Bromoform	12.13	173	349634	50.769	ug/l	100
73) Isopropylbenzene	12.25	105	2263455	44.243	ug/l	100
74) N-amyl acetate	12.07	43	510949m	48.206	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.50	83	527741	53.473	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	391387m	52.708	ug/l	
77) Bromobenzene	12.53	156	565769	45.229	ug/l	94
78) n-propylbenzene	12.59	91	2676302	47.962	ug/l	99
79) 2-Chlorotoluene	12.68	91	1456204	44.280	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2050043	47.550	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	135035	41.360	ug/l #	78
82) 4-Chlorotoluene	12.77	91	1453154	43.986	ug/l	96
83) tert-Butylbenzene	12.99	119	1794007	46.439	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	4224734	97.829	ug/l	98
85) sec-Butylbenzene	13.17	105	2687505	52.592	ug/l	96
86) p-Isopropyltoluene	13.29	119	2522784	55.688	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1077243	49.422	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	1048295	48.861	ug/l	97
89) n-Butylbenzene	13.62	91	2022714	56.471	ug/l	92
90) Hexachloroethane	13.88	117	438218	48.483	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	1055387	48.706	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	85785	47.734	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	533365	55.316	ug/l	97
94) Hexachlorobutadiene	15.01	225	367854	56.229	ug/l	99
95) Naphthalene	15.13	128	1176520	56.504	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	526008	55.392	ug/l	98

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

