

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051722.D
 Acq On : 8 Oct 2018 9:37
 Operator : MD\SY
 Sample : VN1008MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 11:48:36 AM

Quant Time: Oct 09 04:19:37 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	578749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	854094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	783934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	369943	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
35) Dibromofluoromethane	7.59	113	335159	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.09	98	1238587	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	393842	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	155095	22.085	ug/l	97
3) Chloromethane	2.06	50	137795	20.863	ug/l	99
4) Vinyl Chloride	2.18	62	217039	20.861	ug/l	100
5) Bromomethane	2.57	94	149227	18.651	ug/l	97
6) Chloroethane	2.70	64	143558	20.530	ug/l	100
7) Trichlorofluoromethane	3.01	101	249493	22.284	ug/l	100
8) Diethyl Ether	3.41	74	65866	21.725	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	122968	21.265	ug/l	95
10) Methyl Iodide	3.95	142	127628	18.250	ug/l	99
11) Tert butyl alcohol	4.80	59	52158	100.381	ug/l #	94
12) 1,1-Dichloroethene	3.74	96	112042	20.788	ug/l	92
13) Acrolein	3.61	56	29059	89.517	ug/l	99
14) Allyl chloride	4.33	41	163851	19.932	ug/l	99
15) Acrylonitrile	5.00	53	175717	98.000	ug/l	98
16) Acetone	3.82	43	146272	103.169	ug/l	99
17) Carbon Disulfide	4.05	76	306891	18.733	ug/l	99
18) Methyl Acetate	4.33	43	89917	21.307	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	351097	19.735	ug/l	100
20) Methylene Chloride	4.55	84	123951	19.705	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	122316	19.151	ug/l	95
22) Diisopropyl ether	5.95	45	343571	19.498	ug/l	98
23) Vinyl Acetate	5.90	43	1270561	98.063	ug/l	99
24) 1,1-Dichloroethane	5.85	63	217855	19.223	ug/l	97
25) 2-Butanone	6.84	43	222032	100.569	ug/l	97
26) 2,2-Dichloropropane	6.83	77	219255	19.306	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	143962	19.417	ug/l	97
28) Bromochloromethane	7.20	49	95814	19.097	ug/l	98
29) Tetrahydrofuran	7.22	42	138840	102.478	ug/l	99
30) Chloroform	7.37	83	249311	19.580	ug/l	96
31) Cyclohexane	7.66	56	201726	19.436	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	234526	19.002	ug/l	100
36) 1,1-Dichloropropene	7.80	75	177124	19.840	ug/l	98
37) Ethyl Acetate	6.94	43	101272	21.750	ug/l	98
38) Carbon Tetrachloride	7.78	117	211853	19.777	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	226238	20.188	ug/l	99
40) Benzene	8.04	78	523509	19.781	ug/l	96
41) Methacrylonitrile	7.18	41	52871	21.870	ug/l	96
42) 1,2-Dichloroethane	8.13	62	180379	20.224	ug/l	99
43) Isopropyl Acetate	8.17	43	207229	21.347	ug/l #	88
44) Trichloroethene	8.84	130	154261	20.528	ug/l	99
45) 1,2-Dichloropropane	9.12	63	130130	19.888	ug/l	98
46) Dibromomethane	9.21	93	91229	20.059	ug/l	99
47) Bromodichloromethane	9.40	83	199056	19.882	ug/l	99
48) Methyl methacrylate	9.20	41	92241	20.795	ug/l	99
49) 1,4-Dioxane	9.20	88	27713	416.651	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	533924	108.541	ug/l	97
52) Toluene	10.16	92	340554	19.347	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	193732	18.753	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	211199	19.252	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	126201	20.126	ug/l	96
56) Ethyl methacrylate	10.43	69	158087	19.936	ug/l	94
57) 1,3-Dichloropropane	10.71	76	200247	20.178	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	318716	97.116	ug/l	99
59) 2-Hexanone	10.75	43	341534	102.234	ug/l	98
60) Dibromochloromethane	10.90	129	157055	19.140	ug/l	98
61) 1,2-Dibromoethane	11.01	107	131955	19.906	ug/l	98
64) Tetrachloroethene	10.63	164	145355	21.017	ug/l	98
65) Chlorobenzene	11.44	112	383027	19.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	149743	19.262	ug/l	97
67) Ethyl Benzene	11.51	91	671355	20.006	ug/l	99
68) m/p-Xylenes	11.62	106	526177	39.187	ug/l	100
69) o-Xylene	11.95	106	262877	19.963	ug/l	99
70) Styrene	11.97	104	395106	18.830	ug/l	99
71) Bromoform	12.13	173	106709	18.454	ug/l #	100
73) Isopropylbenzene	12.25	105	698224	20.619	ug/l	100
74) N-amyl acetate	12.07	43	160066	20.965	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	152030	20.903	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	133821m	25.066	ug/l	
77) Bromobenzene	12.53	156	164220	19.834	ug/l	99
78) n-propylbenzene	12.59	91	758739	20.543	ug/l	99
79) 2-Chlorotoluene	12.67	91	442667	20.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	584141	20.470	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	41090	19.014	ug/l	92
82) 4-Chlorotoluene	12.77	91	435653	19.923	ug/l	99
83) tert-Butylbenzene	12.99	119	533585	20.867	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	589054	20.608	ug/l	100
85) sec-Butylbenzene	13.17	105	708755	20.954	ug/l	99
86) p-Isopropyltoluene	13.29	119	617296	20.586	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	290401	20.128	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	277434	19.536	ug/l	99
89) n-Butylbenzene	13.62	91	472559	19.932	ug/l	99
90) Hexachloroethane	13.88	117	124103	20.744	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	279011	19.453	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24911	20.942	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	110481	17.311	ug/l	99
94) Hexachlorobutadiene	15.01	225	89649	20.703	ug/l	99
95) Naphthalene	15.13	128	224477	16.288	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	114547	18.224	ug/l	97

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

