

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051755.D
 Acq On : 9 Oct 2018 18:08
 Operator : MD\SY
 Sample : VN1009MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:09:36 AM

Quant Time: Oct 10 04:17:25 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	568138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	857803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	812455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	420852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	368698	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.59	113	334635	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	1245141	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	413432	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133968	19.570	ug/l	95
3) Chloromethane	2.06	50	123463	19.042	ug/l	98
4) Vinyl Chloride	2.18	62	193978	18.992	ug/l	99
5) Bromomethane	2.56	94	160671	20.456	ug/l	99
6) Chloroethane	2.70	64	134845	19.644	ug/l	100
7) Trichlorofluoromethane	3.01	101	233416	21.172	ug/l	100
8) Diethyl Ether	3.41	74	63801	21.437	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	115308	20.313	ug/l	97
10) Methyl Iodide	3.95	142	140027	20.122	ug/l	99
11) Tert butyl alcohol	4.80	59	55875	109.543	ug/l	98
12) 1,1-Dichloroethene	3.73	96	106513	20.131	ug/l	95
13) Acrolein	3.61	56	23544	63.923	ug/l	91
14) Allyl chloride	4.33	41	146582	18.165	ug/l	98
15) Acrylonitrile	5.00	53	177090	100.610	ug/l	99
16) Acetone	3.82	43	133920	94.835	ug/l	99
17) Carbon Disulfide	4.05	76	270667	16.830	ug/l	100
18) Methyl Acetate	4.33	43	96015	23.177	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	345835	19.803	ug/l	99
20) Methylene Chloride	4.55	84	121754	19.717	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	121059	19.309	ug/l	94
22) Diisopropyl ether	5.95	45	323824	18.720	ug/l	96
23) Vinyl Acetate	5.90	43	1176672	92.513	ug/l	100
24) 1,1-Dichloroethane	5.85	63	209250	18.809	ug/l	99
25) 2-Butanone	6.84	43	212034	97.835	ug/l	95
26) 2,2-Dichloropropane	6.83	77	196666	17.640	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	143224	19.678	ug/l	95
28) Bromochloromethane	7.20	49	92363	18.753	ug/l	93
29) Tetrahydrofuran	7.22	42	138287	103.976	ug/l	95
30) Chloroform	7.37	83	243185	19.455	ug/l	97
31) Cyclohexane	7.66	56	181419	17.806	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	226466	18.692	ug/l	99
36) 1,1-Dichloropropene	7.80	75	167151	18.642	ug/l	98
37) Ethyl Acetate	6.93	43	100014	21.387	ug/l	98
38) Carbon Tetrachloride	7.78	117	201336	18.714	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	209675	18.629	ug/l	96
40) Benzene	8.04	78	513171	19.307	ug/l	97
41) Methacrylonitrile	7.18	41	39378	16.141	ug/l #	74
42) 1,2-Dichloroethane	8.13	62	178310	19.906	ug/l	99
43) Isopropyl Acetate	8.17	43	192377	19.732	ug/l	99
44) Trichloroethene	8.84	130	152241	20.172	ug/l	98
45) 1,2-Dichloropropane	9.12	63	126311	19.221	ug/l	98
46) Dibromomethane	9.21	93	93904	20.558	ug/l	98
47) Bromodichloromethane	9.41	83	192817	19.175	ug/l	98
48) Methyl methacrylate	9.20	41	88743	19.920	ug/l	98
49) 1,4-Dioxane	9.20	88	29803	446.135	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	522428	105.745	ug/l	99
52) Toluene	10.16	92	339128	19.183	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	185347	17.863	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	202416	18.371	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	127150	20.190	ug/l	97
56) Ethyl methacrylate	10.43	69	155716	19.552	ug/l	97
57) 1,3-Dichloropropane	10.71	76	201756	20.242	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	328346	99.618	ug/l	96
59) 2-Hexanone	10.75	43	339914	101.309	ug/l	97
60) Dibromochloromethane	10.90	129	157290	19.085	ug/l	98
61) 1,2-Dibromoethane	11.01	107	135134	20.298	ug/l	99
64) Tetrachloroethene	10.63	164	145055	20.237	ug/l	99
65) Chlorobenzene	11.43	112	394129	19.587	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	155793	19.337	ug/l	99
67) Ethyl Benzene	11.51	91	663287	19.071	ug/l	100
68) m/p-Xylenes	11.62	106	537932	38.656	ug/l	99
69) o-Xylene	11.95	106	265856	19.481	ug/l	99
70) Styrene	11.96	104	406181	18.678	ug/l	99
71) Bromoform	12.13	173	104561	17.448	ug/l #	97
73) Isopropylbenzene	12.25	105	708107	19.738	ug/l	100
74) N-amyl acetate	12.07	43	149898	18.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	159425	20.648	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	118179m	20.150	ug/l	
77) Bromobenzene	12.53	156	172460	19.661	ug/l	97
78) n-propylbenzene	12.59	91	746368	19.074	ug/l	100
79) 2-Chlorotoluene	12.68	91	446594	19.366	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	590190	19.521	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	38574	16.848	ug/l	92
82) 4-Chlorotoluene	12.77	91	442784	19.113	ug/l	99
83) tert-Butylbenzene	12.99	119	554555	20.471	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	591451	19.531	ug/l	98
85) sec-Butylbenzene	13.17	105	707424	19.741	ug/l	100
86) p-Isopropyltoluene	13.29	119	620211	19.523	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	300198	19.640	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	287894	19.136	ug/l	99
89) n-Butylbenzene	13.62	91	466061	18.555	ug/l	99
90) Hexachloroethane	13.88	117	113344	17.883	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	300986	19.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25328	20.098	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	117403	17.364	ug/l	97
94) Hexachlorobutadiene	15.01	225	88940	19.387	ug/l	98
95) Naphthalene	15.13	128	240528	16.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	121736	18.281	ug/l	99

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

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