

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051092.D
 Acq On : 10 Sep 2018 21:54
 Operator : MD\SY
 Sample : VN0910MBS02
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBS02

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:41:22 AM

Quant Time: Sep 11 04:57:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	661401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	950392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	393971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	374495	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.59	113	362887	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.09	98	1360860	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	426276	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	119970	18.81	ug/l	96
3) Chloromethane	2.06	50	165893	19.81	ug/l	100
4) Vinyl Chloride	2.18	62	169968	19.41	ug/l	99
5) Bromomethane	2.57	94	102772	20.22	ug/l	99
6) Chloroethane	2.70	64	102600	18.99	ug/l	97
7) Trichlorofluoromethane	3.01	101	224912	19.39	ug/l	99
8) Diethyl Ether	3.41	74	79874	18.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	141120	18.87	ug/l	99
10) Methyl Iodide	3.95	142	116431	20.40	ug/l	100
11) Tert butyl alcohol	4.79	59	53242	94.70	ug/l	97
12) 1,1-Dichloroethene	3.74	96	130526	18.50	ug/l	98
13) Acrolein	3.61	56	62075	105.96	ug/l	100
14) Allyl chloride	4.32	41	196076	18.24	ug/l	99
15) Acrylonitrile	4.99	53	245054	98.37	ug/l	99
16) Acetone	3.82	43	158760	83.34	ug/l	99
17) Carbon Disulfide	4.05	76	387077	18.69	ug/l	98
18) Methyl Acetate	4.33	43	107429	18.23	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	359972	19.30	ug/l	99
20) Methylene Chloride	4.55	84	151917	18.68	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	140410	18.35	ug/l	98
22) Diisopropyl ether	5.95	45	430457	20.17	ug/l	98
23) Vinyl Acetate	5.90	43	1402215	97.11	ug/l	99
24) 1,1-Dichloroethane	5.85	63	262712	19.41	ug/l	99
25) 2-Butanone	6.84	43	256881	88.77	ug/l	98
26) 2,2-Dichloropropane	6.83	77	187172	16.89	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	160457	19.11	ug/l	98
28) Bromochloromethane	7.20	49	113303	18.80	ug/l	100
29) Tetrahydrofuran	7.22	42	179736	99.46	ug/l	100
30) Chloroform	7.37	83	263536	19.57	ug/l	100
31) Cyclohexane	7.65	56	234818	19.31	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	221955	19.34	ug/l	99
36) 1,1-Dichloropropene	7.79	75	195883	18.77	ug/l	99
37) Ethyl Acetate	6.93	43	120386	19.92	ug/l	99
38) Carbon Tetrachloride	7.78	117	196796	19.16	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	211744	18.39	ug/l	96
40) Benzene	8.04	78	613339	19.51	ug/l	100
41) Methacrylonitrile	7.18	41	62041	19.90	ug/l	92
42) 1,2-Dichloroethane	8.13	62	180364	19.68	ug/l	99
43) Isopropyl Acetate	8.17	43	210602	19.75	ug/l	100
44) Trichloroethene	8.84	130	162324	18.87	ug/l	98
45) 1,2-Dichloropropane	9.12	63	158105	19.46	ug/l	97
46) Dibromomethane	9.21	93	94478	19.06	ug/l	99
47) Bromodichloromethane	9.40	83	195462	19.39	ug/l	98
48) Methyl methacrylate	9.20	41	100274	19.30	ug/l	100
49) 1,4-Dioxane	9.20	88	32515	399.03	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	597236	101.28	ug/l	99
52) Toluene	10.16	92	377335	19.68	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	184685	18.31	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	220886	18.67	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	138834	19.93	ug/l	99
56) Ethyl methacrylate	10.43	69	164463	19.19	ug/l	99
57) 1,3-Dichloropropane	10.71	76	228914	19.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	331440	94.45	ug/l	99
59) 2-Hexanone	10.75	43	374804	93.72	ug/l	98
60) Dibromochloromethane	10.90	129	152523	19.43	ug/l	99
61) 1,2-Dibromoethane	11.01	107	132052	19.40	ug/l	100
64) Tetrachloroethene	10.63	164	149417	19.17	ug/l	98
65) Chlorobenzene	11.43	112	407206	18.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	150579	19.42	ug/l	99
67) Ethyl Benzene	11.51	91	671478	19.26	ug/l	99
68) m/p-Xylenes	11.62	106	527121	39.35	ug/l	99
69) o-Xylene	11.95	106	252707	19.48	ug/l	98
70) Styrene	11.96	104	401019	19.93	ug/l	100
71) Bromoform	12.13	173	106269	19.47	ug/l #	99
73) Isopropylbenzene	12.25	105	667938	20.22	ug/l	99
74) N-amyl acetate	12.07	43	156173	18.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	172295	21.83	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	143951m	22.76	ug/l	
77) Bromobenzene	12.53	156	170472	19.21	ug/l	99
78) n-propylbenzene	12.59	91	720275	19.83	ug/l	99
79) 2-Chlorotoluene	12.67	91	438551	19.32	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	536959	20.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	37803	18.22	ug/l	98
82) 4-Chlorotoluene	12.77	91	430672	19.11	ug/l	99
83) tert-Butylbenzene	12.99	119	465031	19.72	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	537515	20.47	ug/l	100
85) sec-Butylbenzene	13.17	105	598258	19.78	ug/l	99
86) p-Isopropyltoluene	13.29	119	511887	19.96	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	274512	18.23	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	266202	19.26	ug/l	99
89) n-Butylbenzene	13.62	91	357875	17.93	ug/l	99
90) Hexachloroethane	13.88	117	96662	20.34	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	269847	18.39	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22363	20.21	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	97623	16.65	ug/l	98
94) Hexachlorobutadiene	15.01	225	86979	19.26	ug/l	99
95) Naphthalene	15.13	128	188150	16.68	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	106275	17.71	ug/l	98

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

