

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051783.D
 Acq On : 10 Oct 2018 12:01
 Operator : MD\SY
 Sample : VN1010MBS02
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS02

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:51:15 PM

Quant Time: Oct 11 02:20:55 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	598844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	894759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	827682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	412359	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	396698	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	362481	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.09	98	1296548	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	429183	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	140996	19.543	ug/l	99
3) Chloromethane	2.06	50	123834	18.120	ug/l	99
4) Vinyl Chloride	2.18	62	178770	16.606	ug/l	100
5) Bromomethane	2.56	94	163192	19.712	ug/l	98
6) Chloroethane	2.70	64	124065	17.147	ug/l	99
7) Trichlorofluoromethane	3.01	101	302019	26.307	ug/l	100
8) Diethyl Ether	3.41	74	64345	20.511	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	119387	19.953	ug/l	98
10) Methyl Iodide	3.95	142	148630	20.247	ug/l	99
11) Tert butyl alcohol	4.80	59	59101	109.926	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	108232	19.407	ug/l	95
13) Acrolein	3.61	56	22315	56.589	ug/l	99
14) Allyl chloride	4.32	41	142563	16.761	ug/l	96
15) Acrylonitrile	5.00	53	198633	107.063	ug/l	97
16) Acetone	3.82	43	139164	93.205	ug/l	98
17) Carbon Disulfide	4.05	76	274855	16.214	ug/l	100
18) Methyl Acetate	4.33	43	104674	23.972	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	378572	20.566	ug/l	99
20) Methylene Chloride	4.55	84	132802	20.404	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	128502	19.445	ug/l	93
22) Diisopropyl ether	5.96	45	327929	17.985	ug/l	97
23) Vinyl Acetate	5.90	43	1204541	89.848	ug/l	96
24) 1,1-Dichloroethane	5.85	63	217142	18.517	ug/l	98
25) 2-Butanone	6.84	43	220752	96.634	ug/l	99
26) 2,2-Dichloropropane	6.83	77	205253	17.467	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	155386	20.254	ug/l	92
28) Bromochloromethane	7.20	49	95004	18.300	ug/l	84
29) Tetrahydrofuran	7.22	42	140715	100.377	ug/l	89
30) Chloroform	7.37	83	255103	19.362	ug/l	98
31) Cyclohexane	7.66	56	177898	16.565	ug/l #	87
32) 1,1,1-Trichloroethane	7.57	97	235849	18.468	ug/l	98
36) 1,1-Dichloropropene	7.80	75	171607	18.349	ug/l	97
37) Ethyl Acetate	6.93	43	96609	19.806	ug/l	97
38) Carbon Tetrachloride	7.78	117	205984	18.355	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	217228	18.503	ug/l	96
40) Benzene	8.04	78	532563	19.209	ug/l	98
41) Methacrylonitrile	7.18	41	55432	21.888	ug/l	93
42) 1,2-Dichloroethane	8.13	62	185758	19.881	ug/l	100
43) Isopropyl Acetate	8.17	43	203522	20.012	ug/l	97
44) Trichloroethene	8.84	130	155700	19.778	ug/l	97
45) 1,2-Dichloropropane	9.12	63	130901	19.096	ug/l	100
46) Dibromomethane	9.21	93	100664	21.128	ug/l	100
47) Bromodichloromethane	9.41	83	198198	18.896	ug/l	98
48) Methyl methacrylate	9.20	41	92198	19.840	ug/l	95
49) 1,4-Dioxane	9.20	88	31539	452.622	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	529269	102.705	ug/l	98
52) Toluene	10.16	92	354922	19.247	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	197956	18.291	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	213148	18.546	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	138147	21.030	ug/l	99
56) Ethyl methacrylate	10.43	69	165237	19.891	ug/l	97
57) 1,3-Dichloropropane	10.71	76	215117	20.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	347098	100.958	ug/l	97
59) 2-Hexanone	10.75	43	346292	98.947	ug/l	100
60) Dibromochloromethane	10.90	129	163549	19.025	ug/l	99
61) 1,2-Dibromoethane	11.01	107	142698	20.549	ug/l	99
64) Tetrachloroethene	10.63	164	150500	20.610	ug/l	98
65) Chlorobenzene	11.43	112	404924	19.753	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	158095	19.261	ug/l	99
67) Ethyl Benzene	11.51	91	684077	19.307	ug/l	99
68) m/p-Xylenes	11.62	106	533033	37.599	ug/l	100
69) o-Xylene	11.95	106	264330	19.012	ug/l	98
70) Styrene	11.96	104	415453	18.753	ug/l	99
71) Bromoform	12.13	173	109044	17.861	ug/l #	98
73) Isopropylbenzene	12.25	105	700410	19.926	ug/l	100
74) N-amyl acetate	12.07	43	151729	18.839	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	165417	22.112	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	156923m	28.895	ug/l	
77) Bromobenzene	12.53	156	182237	21.203	ug/l	95
78) n-propylbenzene	12.59	91	748679	19.527	ug/l	100
79) 2-Chlorotoluene	12.68	91	446467	19.759	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	582515	19.664	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	38333	17.088	ug/l	91
82) 4-Chlorotoluene	12.77	91	449571	19.806	ug/l	100
83) tert-Butylbenzene	12.99	119	540616	20.367	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	598116	20.158	ug/l	100
85) sec-Butylbenzene	13.17	105	689972	19.651	ug/l	100
86) p-Isopropyltoluene	13.29	119	617041	19.823	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	303689	20.278	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	296792	20.133	ug/l	100
89) n-Butylbenzene	13.62	91	455611	18.513	ug/l	99
90) Hexachloroethane	13.88	117	105993	17.067	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	311718	20.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26776	21.684	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	136401	20.589	ug/l	99
94) Hexachlorobutadiene	15.01	225	94617	21.050	ug/l	98
95) Naphthalene	15.13	128	309523	21.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	145955	22.370	ug/l	99

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

