

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051696.D
 Acq On : 5 Oct 2018 19:32
 Operator : MD\SY
 Sample : VN1006MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006MBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 12:50:05 PM

Quant Time: Oct 06 01:53:55 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	479935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	737276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	660753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318622	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	317008	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
35) Dibromofluoromethane	7.59	113	286965	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	1041510	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	318335	42.29	ug/l	0.00
Spiked Amount			Recovery	=	84.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	122310	21.058	ug/l	100
3) Chloromethane	2.06	50	119081	21.742	ug/l	99
4) Vinyl Chloride	2.18	62	183099	21.222	ug/l	97
5) Bromomethane	2.57	94	135574	20.433	ug/l	98
6) Chloroethane	2.70	64	125369	21.620	ug/l	99
7) Trichlorofluoromethane	3.01	101	196880	21.138	ug/l	96
8) Diethyl Ether	3.41	74	54203	21.559	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	96907	20.208	ug/l	98
10) Methyl Iodide	3.96	142	90492	15.943	ug/l #	95
11) Tert butyl alcohol	4.80	59	40512	94.020	ug/l #	89
12) 1,1-Dichloroethene	3.74	96	90620	20.275	ug/l	98
13) Acrolein	3.61	56	27183	100.979	ug/l	97
14) Allyl chloride	4.33	41	129796	19.040	ug/l	96
15) Acrylonitrile	4.99	53	143118	96.253	ug/l	99
16) Acetone	3.82	43	104560	86.093	ug/l	99
17) Carbon Disulfide	4.05	76	254309	18.719	ug/l	99
18) Methyl Acetate	4.33	43	74443	21.273	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	282957	19.180	ug/l	99
20) Methylene Chloride	4.56	84	104638	20.060	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	97087	18.331	ug/l	92
22) Diisopropyl ether	5.96	45	280148	19.172	ug/l	97
23) Vinyl Acetate	5.90	43	1027509	95.632	ug/l	100
24) 1,1-Dichloroethane	5.85	63	180304	19.186	ug/l	99
25) 2-Butanone	6.84	43	172377	94.154	ug/l	97
26) 2,2-Dichloropropane	6.83	77	167030	17.736	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	116500	18.948	ug/l	96
28) Bromochloromethane	7.20	49	85248	20.489	ug/l	99
29) Tetrahydrofuran	7.21	42	110136	98.029	ug/l	99
30) Chloroform	7.37	83	198058	18.757	ug/l	98
31) Cyclohexane	7.65	56	161075	18.715	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	186743	18.246	ug/l	99
36) 1,1-Dichloropropene	7.79	75	140222	18.196	ug/l	100
37) Ethyl Acetate	6.93	43	79808	19.856	ug/l	99
38) Carbon Tetrachloride	7.78	117	164682	17.809	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	173006	17.884	ug/l	98
40) Benzene	8.04	78	419087	18.345	ug/l	97
41) Methacrylonitrile	7.18	41	36159	17.265	ug/l	93
42) 1,2-Dichloroethane	8.13	62	144476	18.765	ug/l	99
43) Isopropyl Acetate	8.17	43	163060	19.459	ug/l #	89
44) Trichloroethene	8.84	130	118576	18.280	ug/l	95
45) 1,2-Dichloropropane	9.12	63	105526	18.683	ug/l	100
46) Dibromomethane	9.21	93	72748	18.530	ug/l	99
47) Bromodichloromethane	9.40	83	159807	18.491	ug/l	98
48) Methyl methacrylate	9.20	41	71913	18.781	ug/l	98
49) 1,4-Dioxane	9.20	88	20908	364.147	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	419932	98.894	ug/l	98
52) Toluene	10.16	92	269697	17.750	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	151650	17.005	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	168390	17.781	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	100244	18.520	ug/l	98
56) Ethyl methacrylate	10.43	69	124378	18.170	ug/l	94
57) 1,3-Dichloropropane	10.71	76	158258	18.473	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	284015	100.255	ug/l	99
59) 2-Hexanone	10.75	43	268623	93.149	ug/l	94
60) Dibromochloromethane	10.90	129	123606	17.450	ug/l	99
61) 1,2-Dibromoethane	11.01	107	101517	17.741	ug/l	100
64) Tetrachloroethene	10.63	164	112307	19.265	ug/l	97
65) Chlorobenzene	11.44	112	301596	18.430	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	119784	18.281	ug/l	98
67) Ethyl Benzene	11.51	91	522500	18.472	ug/l	99
68) m/p-Xylenes	11.62	106	398698	35.229	ug/l	98
69) o-Xylene	11.95	106	201177	18.126	ug/l	99
70) Styrene	11.96	104	306750	17.344	ug/l	99
71) Bromoform	12.13	173	81037	16.627	ug/l #	96
73) Isopropylbenzene	12.25	105	533588	19.646	ug/l	100
74) N-amyl acetate	12.07	43	125717	20.456	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	120174	20.540	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	96805m	22.168	ug/l	
77) Bromobenzene	12.53	156	129757	19.539	ug/l	98
78) n-propylbenzene	12.59	91	577230	19.485	ug/l	98
79) 2-Chlorotoluene	12.68	91	334004	19.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	436430	19.067	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	30283	17.471	ug/l	92
82) 4-Chlorotoluene	12.77	91	327980	18.700	ug/l	99
83) tert-Butylbenzene	12.99	119	406949	19.842	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	438905	19.144	ug/l	98
85) sec-Butylbenzene	13.17	105	533150	19.652	ug/l	98
86) p-Isopropyltoluene	13.29	119	456586	18.984	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	217468	18.792	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	204839	17.983	ug/l	99
89) n-Butylbenzene	13.62	91	348817	18.343	ug/l	99
90) Hexachloroethane	13.88	117	90727	18.907	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	219596	19.089	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18950	19.861	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	86411	16.880	ug/l	98
94) Hexachlorobutadiene	15.01	225	66441	19.130	ug/l	99
95) Naphthalene	15.13	128	187608	16.971	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	90704	17.991	ug/l	97

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

