

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053046.D
 Acq On : 20 Dec 2018 10:34
 Operator : MD\SY
 Sample : VN1220MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/27/2018 12:38:44 PM

Quant Time: Dec 21 00:33:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1154763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1763093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1577899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	696228	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	616072	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
35) Dibromofluoromethane	7.59	113	483197	60.00	ug/l	0.00
Spiked Amount			Recovery	=	120.00%	
50) Toluene-d8	10.09	98	2287619	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	778207	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	228977	19.592	ug/l	99
3) Chloromethane	2.06	50	279771	19.755	ug/l	100
4) Vinyl Chloride	2.19	62	286019	19.941	ug/l	100
5) Bromomethane	2.58	94	187802	18.899	ug/l	100
6) Chloroethane	2.71	64	171686	20.211	ug/l	100
7) Trichlorofluoromethane	3.03	101	356296	19.941	ug/l	99
8) Diethyl Ether	3.41	74	137804	20.443	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	227966	20.010	ug/l	98
10) Methyl Iodide	3.96	142	326948	20.436	ug/l	98
11) Tert butyl alcohol	4.78	59	68865	96.311	ug/l	98
12) 1,1-Dichloroethene	3.74	96	218207	19.825	ug/l	96
13) Acrolein	3.61	56	71419	110.156	ug/l	100
14) Allyl chloride	4.33	41	337913	19.821	ug/l	99
15) Acrylonitrile	4.99	53	400101	100.722	ug/l	99
16) Acetone	3.82	43	225086	97.963	ug/l	99
17) Carbon Disulfide	4.06	76	624080	17.386	ug/l	99
18) Methyl Acetate	4.33	43	202037	19.981	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	608750	20.668	ug/l	98
20) Methylene Chloride	4.55	84	253779	20.248	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	234106	19.797	ug/l	100
22) Diisopropyl ether	5.95	45	767224	21.083	ug/l	98
23) Vinyl Acetate	5.90	43	2220347	106.107	ug/l	99
24) 1,1-Dichloroethane	5.85	63	443845	20.525	ug/l	99
25) 2-Butanone	6.83	43	402779	104.454	ug/l	98
26) 2,2-Dichloropropane	6.83	77	332229	20.126	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	272069	20.322	ug/l	99
28) Bromochloromethane	7.19	49	197075	21.032	ug/l	95
29) Tetrahydrofuran	7.21	42	296677	103.014	ug/l	99
30) Chloroform	7.37	83	430401	20.261	ug/l	100
31) Cyclohexane	7.66	56	417091	19.934	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	357579	19.760	ug/l	99
36) 1,1-Dichloropropene	7.80	75	336882	19.907	ug/l	99
37) Ethyl Acetate	6.93	43	203321	21.522	ug/l	99
38) Carbon Tetrachloride	7.78	117	307262	19.809	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	396070	19.266	ug/l	99
40) Benzene	8.04	78	1033943	20.541	ug/l	100
41) Methacrylonitrile	7.18	41	116079	21.266	ug/l	96
42) 1,2-Dichloroethane	8.12	62	300762	20.226	ug/l	99
43) Isopropyl Acetate	8.16	43	374730	19.868	ug/l	99
44) Trichloroethene	8.84	130	289580	19.890	ug/l	95
45) 1,2-Dichloropropane	9.12	63	271909	20.739	ug/l	99
46) Dibromomethane	9.21	93	153865	20.145	ug/l	98
47) Bromodichloromethane	9.40	83	324010	19.957	ug/l	99
48) Methyl methacrylate	9.20	41	183931	20.064	ug/l	98
49) 1,4-Dioxane	9.20	88	44567	384.330	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	971303	106.168	ug/l	99
52) Toluene	10.16	92	642507	20.593	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	329652	19.309	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	394682	20.141	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	225702	20.736	ug/l	99
56) Ethyl methacrylate	10.43	69	294183	20.420	ug/l	98
57) 1,3-Dichloropropane	10.71	76	387591	20.766	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	823505	104.119	ug/l	98
59) 2-Hexanone	10.75	43	658066	106.313	ug/l	99
60) Dibromochloromethane	10.90	129	245392	19.695	ug/l	100
61) 1,2-Dibromoethane	11.01	107	224660	20.323	ug/l	100
64) Tetrachloroethene	10.63	164	331533	19.397	ug/l	98
65) Chlorobenzene	11.43	112	709960	20.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	244977	20.141	ug/l	99
67) Ethyl Benzene	11.51	91	1219780	20.278	ug/l	100
68) m/p-Xylenes	11.62	106	923286	40.376	ug/l	100
69) o-Xylene	11.95	106	451834	20.591	ug/l	99
70) Styrene	11.96	104	733749	20.507	ug/l	99
71) Bromoform	12.13	173	162952	18.545	ug/l #	99
73) Isopropylbenzene	12.25	105	1204345	22.109	ug/l	100
74) N-amyl acetate	12.07	43	321359	21.248	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	246062	23.025	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	220277m	18.795	ug/l	
77) Bromobenzene	12.53	156	306117	21.618	ug/l	97
78) n-propylbenzene	12.59	91	1320315	21.281	ug/l	99
79) 2-Chlorotoluene	12.67	91	786077	20.441	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	936562	21.093	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	71437	19.645	ug/l	98
82) 4-Chlorotoluene	12.77	91	786918	20.904	ug/l	99
83) tert-Butylbenzene	12.99	119	829261	21.118	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	936968	20.992	ug/l	100
85) sec-Butylbenzene	13.17	105	1091851	20.557	ug/l	100
86) p-Isopropyltoluene	13.29	119	931599	20.298	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	503534	20.092	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	492608	19.410	ug/l	99
89) n-Butylbenzene	13.62	91	730914	18.511	ug/l	99
90) Hexachloroethane	13.88	117	133011	18.886	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	468369	19.857	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34024	18.413	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	222288	18.172	ug/l	99
94) Hexachlorobutadiene	15.01	225	142229	20.275	ug/l	99
95) Naphthalene	15.13	128	468465	17.868	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	202411	18.312	ug/l	99

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

