

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053126.D
 Acq On : 22 Dec 2018 12:18
 Operator : MD\SY
 Sample : VN1222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 9:32:41 AM

Quant Time: Dec 23 23:33:23 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	1066554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1630492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1415918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	598476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	473020	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
35) Dibromofluoromethane	7.59	113	378930	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.09	98	1708580	42.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.46%	
62) 4-Bromofluorobenzene	12.40	95	555981	39.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	198894	18.426	ug/l	99
3) Chloromethane	2.06	50	233176	17.826	ug/l	99
4) Vinyl Chloride	2.19	62	248041	18.724	ug/l	99
5) Bromomethane	2.58	94	156688	17.072	ug/l	99
6) Chloroethane	2.71	64	149689	19.079	ug/l	99
7) Trichlorofluoromethane	3.03	101	324229	19.647	ug/l	100
8) Diethyl Ether	3.42	74	122113	19.614	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	206582	19.633	ug/l	98
10) Methyl Iodide	3.96	142	258957	17.525	ug/l	99
11) Tert butyl alcohol	4.78	59	59743	90.464	ug/l	99
12) 1,1-Dichloroethene	3.74	96	195837	19.265	ug/l	98
13) Acrolein	3.61	56	65429	109.264	ug/l	99
14) Allyl chloride	4.33	41	318120	20.203	ug/l	96
15) Acrylonitrile	4.99	53	348361	94.950	ug/l	98
16) Acetone	3.82	43	211801	99.805	ug/l	97
17) Carbon Disulfide	4.06	76	530639	16.006	ug/l	99
18) Methyl Acetate	4.33	43	187842	20.107	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	537410	19.755	ug/l	97
20) Methylene Chloride	4.56	84	225858	19.511	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	206735	18.928	ug/l	100
22) Diisopropyl ether	5.95	45	696696	20.728	ug/l	99
23) Vinyl Acetate	5.90	43	1953749	101.088	ug/l	99
24) 1,1-Dichloroethane	5.85	63	403294	20.193	ug/l	99
25) 2-Butanone	6.83	43	361455	101.490	ug/l	99
26) 2,2-Dichloropropane	6.83	77	291430	19.115	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	244875	19.804	ug/l	100
28) Bromochloromethane	7.20	49	170992	19.758	ug/l	96
29) Tetrahydrofuran	7.21	42	257595	96.842	ug/l	98
30) Chloroform	7.37	83	390932	19.925	ug/l	100
31) Cyclohexane	7.65	56	375423	19.399	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	324957	19.443	ug/l	100
36) 1,1-Dichloropropene	7.80	75	298716	19.087	ug/l	100
37) Ethyl Acetate	6.93	43	170481	19.514	ug/l	100
38) Carbon Tetrachloride	7.78	117	271466	18.925	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	345911	18.195	ug/l	99
40) Benzene	8.04	78	920684	19.778	ug/l	99
41) Methacrylonitrile	7.17	41	106466	21.091	ug/l	90
42) 1,2-Dichloroethane	8.13	62	271096	19.714	ug/l	99
43) Isopropyl Acetate	8.16	43	322547	18.418	ug/l	98
44) Trichloroethene	8.84	130	250221	18.584	ug/l	98
45) 1,2-Dichloropropane	9.12	63	245688	20.263	ug/l	99
46) Dibromomethane	9.21	93	136376	19.308	ug/l	98
47) Bromodichloromethane	9.40	83	293328	19.536	ug/l	99
48) Methyl methacrylate	9.20	41	158106	18.650	ug/l	98
49) 1,4-Dioxane	9.20	88	38877	362.527	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	846536	100.056	ug/l	99
52) Toluene	10.16	92	562868	19.508	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	286515	18.147	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	348779	19.246	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	200177	19.887	ug/l	98
56) Ethyl methacrylate	10.43	69	253249	19.008	ug/l	98
57) 1,3-Dichloropropane	10.71	76	343508	19.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	731322	99.983	ug/l	99
59) 2-Hexanone	10.75	43	555984	97.127	ug/l	99
60) Dibromochloromethane	10.90	129	214012	18.574	ug/l	100
61) 1,2-Dibromoethane	11.01	107	195852	19.158	ug/l	100
64) Tetrachloroethene	10.63	164	281753	18.370	ug/l	99
65) Chlorobenzene	11.43	112	612367	19.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	219963	20.153	ug/l	99
67) Ethyl Benzene	11.51	91	1053707	19.521	ug/l	100
68) m/p-Xylenes	11.62	106	793242	38.657	ug/l	99
69) o-Xylene	11.95	106	389573	19.785	ug/l	99
70) Styrene	11.96	104	622677	19.394	ug/l	99
71) Bromoform	12.13	173	140260	17.788	ug/l #	100
73) Isopropylbenzene	12.25	105	1017814	21.736	ug/l	99
74) N-amyl acetate	12.07	43	260251	20.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	211730	23.048	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	187769m	18.638	ug/l	
77) Bromobenzene	12.53	156	255041	20.953	ug/l	98
78) n-propylbenzene	12.59	91	1115103	20.909	ug/l	100
79) 2-Chlorotoluene	12.67	91	663361	20.067	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	779834	20.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	54955	17.581	ug/l	97
82) 4-Chlorotoluene	12.77	91	657108	20.307	ug/l	99
83) tert-Butylbenzene	12.99	119	695555	20.606	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	779851	20.325	ug/l	100
85) sec-Butylbenzene	13.17	105	906337	19.851	ug/l	99
86) p-Isopropyltoluene	13.29	119	766251	19.423	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	412950	19.169	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	409016	18.748	ug/l	99
89) n-Butylbenzene	13.62	91	595629	17.549	ug/l	100
90) Hexachloroethane	13.88	117	115311	19.047	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	386749	19.075	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27394	17.246	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	175776	16.765	ug/l	100
94) Hexachlorobutadiene	15.01	225	114829	18.857	ug/l	99
95) Naphthalene	15.13	128	364367	16.276	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	157017	16.575	ug/l	99

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

