

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122218\
 Data File : VN053150.D
 Acq On : 22 Dec 2018 23:52
 Operator : MD\SY
 Sample : VN1222MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222MBS02

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 9:11:01 AM

Quant Time: Dec 24 01:22:53 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	968953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1523166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1351078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	591332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	544468	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.74%	
35) Dibromofluoromethane	7.59	113	440283	63.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.56%	
50) Toluene-d8	10.09	98	1950685	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.40	95	674975	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	181551	18.513	ug/l	100
3) Chloromethane	2.06	50	230741	19.417	ug/l	99
4) Vinyl Chloride	2.19	62	235307	19.552	ug/l	100
5) Bromomethane	2.57	94	150940	18.102	ug/l	100
6) Chloroethane	2.71	64	141281	19.821	ug/l	100
7) Trichlorofluoromethane	3.03	101	297546	19.846	ug/l	99
8) Diethyl Ether	3.41	74	120422	21.291	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	186134	19.472	ug/l	98
10) Methyl Iodide	3.96	142	248969	18.546	ug/l	99
11) Tert butyl alcohol	4.78	59	63546	105.915	ug/l	98
12) 1,1-Dichloroethene	3.74	96	183744	19.896	ug/l	98
13) Acrolein	3.61	56	65658	120.690	ug/l	97
14) Allyl chloride	4.33	41	305294	21.341	ug/l	94
15) Acrylonitrile	4.99	53	358064	107.425	ug/l	99
16) Acetone	3.81	43	219752	113.982	ug/l	96
17) Carbon Disulfide	4.06	76	485886	16.132	ug/l	99
18) Methyl Acetate	4.33	43	197300	23.092	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	535021	21.648	ug/l	98
20) Methylene Chloride	4.55	84	220961	21.010	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	193552	19.506	ug/l	97
22) Diisopropyl ether	5.95	45	669367	21.921	ug/l	99
23) Vinyl Acetate	5.90	43	1912596	108.927	ug/l	99
24) 1,1-Dichloroethane	5.85	63	379351	20.907	ug/l	99
25) 2-Butanone	6.83	43	374197	115.651	ug/l	99
26) 2,2-Dichloropropane	6.83	77	229277	16.553	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	229449	20.425	ug/l	99
28) Bromochloromethane	7.20	49	170653	21.705	ug/l	97
29) Tetrahydrofuran	7.21	42	267980	110.894	ug/l	98
30) Chloroform	7.37	83	371024	20.815	ug/l	100
31) Cyclohexane	7.66	56	345396	19.659	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	304591	20.060	ug/l	99
36) 1,1-Dichloropropene	7.79	75	280611	19.194	ug/l	100
37) Ethyl Acetate	6.93	43	175829	21.544	ug/l	99
38) Carbon Tetrachloride	7.77	117	253969	18.952	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	308550	17.373	ug/l	99
40) Benzene	8.04	78	872985	20.075	ug/l	98
41) Methacrylonitrile	7.17	41	111667	23.680	ug/l	89
42) 1,2-Dichloroethane	8.13	62	256134	19.938	ug/l	99
43) Isopropyl Acetate	8.16	43	330211	20.287	ug/l	99
44) Trichloroethene	8.84	130	237574	18.888	ug/l	98
45) 1,2-Dichloropropane	9.12	63	234813	20.731	ug/l	99
46) Dibromomethane	9.21	93	131240	19.890	ug/l	99
47) Bromodichloromethane	9.40	83	274629	19.580	ug/l	100
48) Methyl methacrylate	9.20	41	170057	21.473	ug/l	99
49) 1,4-Dioxane	9.20	88	40702	406.289	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	884819	111.949	ug/l	100
52) Toluene	10.16	92	541652	20.095	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	271918	18.436	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	321122	18.968	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	191443	20.359	ug/l	100
56) Ethyl methacrylate	10.43	69	258493	20.769	ug/l	98
57) 1,3-Dichloropropane	10.71	76	335662	20.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	723785	105.926	ug/l	99
59) 2-Hexanone	10.75	43	586881	109.748	ug/l	99
60) Dibromochloromethane	10.90	129	204750	19.022	ug/l	100
61) 1,2-Dibromoethane	11.01	107	192377	20.144	ug/l	99
64) Tetrachloroethene	10.63	164	261492	17.867	ug/l	99
65) Chlorobenzene	11.43	112	596101	19.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	206349	19.813	ug/l	100
67) Ethyl Benzene	11.51	91	1015935	19.725	ug/l	100
68) m/p-Xylenes	11.62	106	772434	39.450	ug/l	99
69) o-Xylene	11.95	106	378883	20.165	ug/l	99
70) Styrene	11.96	104	612332	19.987	ug/l	100
71) Bromoform	12.13	173	137943	18.334	ug/l	99
73) Isopropylbenzene	12.25	105	996415	21.536	ug/l	100
74) N-amyl acetate	12.07	43	287748	22.401	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	222582	24.522	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	195249m	19.614	ug/l	
77) Bromobenzene	12.53	156	253880	21.110	ug/l	99
78) n-propylbenzene	12.59	91	1091603	20.716	ug/l	100
79) 2-Chlorotoluene	12.67	91	660467	20.221	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	777467	20.616	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	54803	17.744	ug/l	98
82) 4-Chlorotoluene	12.77	91	662026	20.706	ug/l	99
83) tert-Butylbenzene	12.99	119	688748	20.651	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	783419	20.665	ug/l	100
85) sec-Butylbenzene	13.17	105	889790	19.724	ug/l	99
86) p-Isopropyltoluene	13.29	119	760129	19.500	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	419179	19.693	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	409639	19.004	ug/l	99
89) n-Butylbenzene	13.62	91	575315	17.155	ug/l	100
90) Hexachloroethane	13.88	117	112934	18.879	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	394369	19.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30209	19.248	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	176630	17.039	ug/l	98
94) Hexachlorobutadiene	15.01	225	111449	18.469	ug/l	100
95) Naphthalene	15.13	128	395581	17.771	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	161062	17.188	ug/l	99

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

