

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050455.D
 Acq On : 8 Aug 2018 13:36
 Operator : MD\SY
 Sample : VN0808MBS01
 Misc : 5.00uL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 1:32:14 PM

Quant Time: Aug 08 15:28:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	793924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1179809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1046556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	508390	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	475621	44.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.68%	
35) Dibromofluoromethane	7.59	113	437045	46.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.34%	
50) Toluene-d8	10.09	98	1641697	46.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.40	95	543778	44.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	159793	18.13	ug/l	98
3) Chloromethane	2.06	50	193796	17.66	ug/l	99
4) Vinyl Chloride	2.18	62	210253	18.43	ug/l	98
5) Bromomethane	2.56	94	118111	21.45	ug/l	100
6) Chloroethane	2.70	64	129775	18.46	ug/l	99
7) Trichlorofluoromethane	3.01	101	278347	18.89	ug/l	99
8) Diethyl Ether	3.41	74	102449	18.96	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	173545	19.06	ug/l	99
10) Methyl Iodide	3.95	142	82495	20.57	ug/l	97
11) Tert butyl alcohol	4.80	59	64366	75.54	ug/l	100
12) 1,1-Dichloroethene	3.73	96	160631	18.71	ug/l	97
13) Acrolein	3.61	56	65183	70.29	ug/l	100
14) Allyl chloride	4.32	41	245863	17.84	ug/l	98
15) Acrylonitrile	5.00	53	294450	82.49	ug/l	99
16) Acetone	3.82	43	257262	81.08	ug/l	99
17) Carbon Disulfide	4.05	76	464647	16.65	ug/l	99
18) Methyl Acetate	4.33	43	143396	17.32	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	461875	18.96	ug/l	98
20) Methylene Chloride	4.55	84	185364	18.17	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	172882	18.61	ug/l	98
22) Diisopropyl ether	5.96	45	534742	18.99	ug/l	99
23) Vinyl Acetate	5.90	43	1811977	90.19	ug/l	99
24) 1,1-Dichloroethane	5.85	63	321127	18.59	ug/l	99
25) 2-Butanone	6.84	43	422040	80.29	ug/l	98
26) 2,2-Dichloropropane	6.82	77	256975	18.04	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	198261	19.26	ug/l	98
28) Bromochloromethane	7.20	49	150155	18.88	ug/l	96
29) Tetrahydrofuran	7.22	42	222710	79.16	ug/l	99
30) Chloroform	7.37	83	326166	18.88	ug/l	97
31) Cyclohexane	7.66	56	280930	18.07	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	283132	19.09	ug/l	99
36) 1,1-Dichloropropene	7.79	75	247354	19.08	ug/l	100
37) Ethyl Acetate	6.94	43	156079	16.72	ug/l	99
38) Carbon Tetrachloride	7.78	117	247408	18.30	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	258734	18.29	ug/l	96
40) Benzene	8.04	78	746347	18.73	ug/l	99
41) Methacrylonitrile	7.18	41	74121	14.93	ug/l	92
42) 1,2-Dichloroethane	8.13	62	233291	18.44	ug/l	99
43) Isopropyl Acetate	8.17	43	274719	17.05	ug/l	97
44) Trichloroethene	8.84	130	203727	19.02	ug/l	97
45) 1,2-Dichloropropane	9.12	63	191551	18.28	ug/l	98
46) Dibromomethane	9.21	93	116049	17.94	ug/l	97
47) Bromodichloromethane	9.40	83	245795	18.34	ug/l	99
48) Methyl methacrylate	9.20	41	134171	16.61	ug/l	96
49) 1,4-Dioxane	9.20	88	37987	305.11	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	967629	83.37	ug/l	98
52) Toluene	10.16	92	465472	19.44	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	246808	18.34	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	286137	19.05	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	171836	18.39	ug/l	97
56) Ethyl methacrylate	10.43	69	213361	17.29	ug/l	98
57) 1,3-Dichloropropane	10.71	76	280283	18.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	502287	86.46	ug/l	98
59) 2-Hexanone	10.75	43	640060	79.02	ug/l	99
60) Dibromochloromethane	10.90	129	186136	18.08	ug/l	97
61) 1,2-Dibromoethane	11.01	107	169053	18.35	ug/l	100
64) Tetrachloroethene	10.63	164	197125	20.16	ug/l	99
65) Chlorobenzene	11.44	112	504490	19.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	186929	19.58	ug/l	99
67) Ethyl Benzene	11.51	91	852540	20.10	ug/l	98
68) m/p-Xylenes	11.62	106	656031	40.63	ug/l	99
69) o-Xylene	11.95	106	318324	20.47	ug/l	98
70) Styrene	11.96	104	503805	19.92	ug/l	99
71) Bromoform	12.13	173	126143	18.07	ug/l #	98
73) Isopropylbenzene	12.25	105	833126	21.83	ug/l	100
74) N-amyl acetate	12.07	43	229939	18.59	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	207108	18.81	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	163980m	17.82	ug/l	
77) Bromobenzene	12.53	156	217324	21.26	ug/l	96
78) n-propylbenzene	12.59	91	913638	21.15	ug/l	99
79) 2-Chlorotoluene	12.68	91	558832	20.95	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	669050	21.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50705	19.36	ug/l	99
82) 4-Chlorotoluene	12.77	91	556122	20.90	ug/l	98
83) tert-Butylbenzene	12.99	119	575342	21.29	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	686869	21.89	ug/l	99
85) sec-Butylbenzene	13.17	105	740625	20.56	ug/l	100
86) p-Isopropyltoluene	13.29	119	643404	20.84	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	360587	19.80	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	354825	19.51	ug/l	98
89) n-Butylbenzene	13.62	91	494359	18.81	ug/l	98
90) Hexachloroethane	13.88	117	106106	19.33	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	355294	19.46	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31257	16.72	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	177277	19.07	ug/l	98
94) Hexachlorobutadiene	15.01	225	108525	20.40	ug/l	99
95) Naphthalene	15.14	128	405955	18.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	175316	18.65	ug/l	99

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

