

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055364.D
 Acq On : 2 May 2019 22:12
 Operator : JC/SP
 Sample : VN0502MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502MBS02

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:08:06 PM

Quant Time: May 03 05:30:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	378919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	632638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	525094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	261337	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.59	113	199155	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	10.09	98	732583	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	237544	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	94245	20.300	ug/l	97
3) Chloromethane	2.06	50	105838	18.411	ug/l	100
4) Vinyl Chloride	2.19	62	93823	20.247	ug/l	98
5) Bromomethane	2.57	94	51835	21.118	ug/l	98
6) Chloroethane	2.71	64	51361	20.460	ug/l	97
7) Trichlorofluoromethane	3.02	101	132901	20.169	ug/l	98
8) Diethyl Ether	3.41	74	51917	22.520	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	78879	20.103	ug/l	99
10) Methyl Iodide	3.96	142	106011	19.198	ug/l	99
11) Tert butyl alcohol	4.80	59	34174	120.412	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	74991	20.035	ug/l	96
13) Acrolein	3.62	56	14993	67.644	ug/l	97
14) Allyl chloride	4.33	41	155831	20.101	ug/l	99
15) Acrylonitrile	5.00	53	178783	112.071	ug/l	98
16) Acetone	3.82	43	134847	87.304	ug/l	98
17) Carbon Disulfide	4.06	76	174494	17.863	ug/l	99
18) Methyl Acetate	4.33	43	91448	23.761	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	237813	22.600	ug/l	98
20) Methylene Chloride	4.55	84	91645	19.439	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	79538	20.064	ug/l	97
22) Diisopropyl ether	5.96	45	338659	21.986	ug/l	97
23) Vinyl Acetate	5.90	43	1129519	111.887	ug/l	100
24) 1,1-Dichloroethane	5.85	63	173206	21.105	ug/l	99
25) 2-Butanone	6.84	43	209418	106.018	ug/l	99
26) 2,2-Dichloropropane	6.83	77	92676	16.353	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	92322	20.479	ug/l	99
28) Bromochloromethane	7.19	49	87097	21.054	ug/l	100
29) Tetrahydrofuran	7.21	42	145163	114.767	ug/l	99
30) Chloroform	7.37	83	159845	20.546	ug/l	97
31) Cyclohexane	7.66	56	151387	19.415	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	131031	20.752	ug/l	100
36) 1,1-Dichloropropene	7.80	75	112110	18.501	ug/l	100
37) Ethyl Acetate	6.94	43	102264	22.020	ug/l	99
38) Carbon Tetrachloride	7.78	117	108074	18.489	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	123288	19.136	ug/l	97
40) Benzene	8.04	78	351852	19.697	ug/l	99
41) Methacrylonitrile	7.18	41	48408m	19.714	ug/l	
42) 1,2-Dichloroethane	8.13	62	125678	19.864	ug/l	99
43) Isopropyl Acetate	8.17	43	171088	22.923	ug/l #	86
44) Trichloroethene	8.84	130	88769	19.493	ug/l	98
45) 1,2-Dichloropropane	9.12	63	102520	19.898	ug/l	96
46) Dibromomethane	9.21	93	55946	19.866	ug/l	99
47) Bromodichloromethane	9.40	83	119408	19.764	ug/l	98
48) Methyl methacrylate	9.20	41	78003	21.259	ug/l	98
49) 1,4-Dioxane	9.20	88	16114	424.848	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	463316	110.258	ug/l	99
52) Toluene	10.16	92	205521	20.052	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	102484	19.540	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	129015	19.730	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	78366	20.590	ug/l	96
56) Ethyl methacrylate	10.43	69	100551	21.464	ug/l	98
57) 1,3-Dichloropropane	10.71	76	137280	20.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	118079	89.591	ug/l	97
59) 2-Hexanone	10.75	43	291598	110.908	ug/l	98
60) Dibromochloromethane	10.90	129	78117	20.082	ug/l	98
61) 1,2-Dibromoethane	11.01	107	72557	20.625	ug/l	99
64) Tetrachloroethene	10.63	164	88593	20.631	ug/l	98
65) Chlorobenzene	11.44	112	205256	19.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	79480	19.771	ug/l	99
67) Ethyl Benzene	11.51	91	375161	20.237	ug/l	99
68) m/p-Xylenes	11.62	106	272206	41.135	ug/l	98
69) o-Xylene	11.95	106	135693	20.688	ug/l	99
70) Styrene	11.96	104	214600	21.310	ug/l	100
71) Bromoform	12.13	173	47165	21.144	ug/l #	98
73) Isopropylbenzene	12.25	105	357568	21.220	ug/l	99
74) N-amyl acetate	12.07	43	110399	22.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	94639	22.757	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	89524m	23.352	ug/l	
77) Bromobenzene	12.53	156	83440	21.153	ug/l	98
78) n-propylbenzene	12.59	91	383583	19.145	ug/l	99
79) 2-Chlorotoluene	12.67	91	242554	21.425	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	300479	19.651	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	18813	18.279	ug/l	89
82) 4-Chlorotoluene	12.77	91	227832	19.558	ug/l	98
83) tert-Butylbenzene	12.99	119	258977	22.317	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	287945	21.056	ug/l	100
85) sec-Butylbenzene	13.17	105	319330	19.214	ug/l	98
86) p-Isopropyltoluene	13.29	119	272086	19.918	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	131024	20.075	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	123103	20.029	ug/l	98
89) n-Butylbenzene	13.62	91	192058	19.786	ug/l	98
90) Hexachloroethane	13.87	117	43578	19.177	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	134945	20.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13396	26.106	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	38525	17.417	ug/l	99
94) Hexachlorobutadiene	15.01	225	45805	21.962	ug/l	97
95) Naphthalene	15.13	128	88464	18.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	45521	19.791	ug/l	100

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

