

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055964.D
 Acq On : 3 Jun 2019 16:20
 Operator : JC/SP
 Sample : VN0603MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:24:47 AM

Quant Time: Jun 04 02:06:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	299353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	435635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	388354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	160885	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
35) Dibromofluoromethane	7.59	113	141072	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	10.09	98	527856	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	177200	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	32438	16.101	ug/l	93
3) Chloromethane	2.06	50	48846	17.304	ug/l	99
4) Vinyl Chloride	2.18	62	51892	17.236	ug/l	99
5) Bromomethane	2.53	94	38106m	20.231	ug/l	
6) Chloroethane	2.68	64	34343	18.946	ug/l	96
7) Trichlorofluoromethane	3.00	101	71323	18.069	ug/l	100
8) Diethyl Ether	3.40	74	34226	19.346	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	46450	18.852	ug/l	98
10) Methyl Iodide	3.94	142	71744	19.916	ug/l	98
11) Tert butyl alcohol	4.82	59	58749	99.460	ug/l	100
12) 1,1-Dichloroethene	3.72	96	46304	18.188	ug/l	99
13) Acrolein	3.60	56	28400	67.147	ug/l	95
14) Allyl chloride	4.31	41	76785	17.593	ug/l	98
15) Acrylonitrile	4.99	53	141359	104.220	ug/l	99
16) Acetone	3.82	43	125590	92.417	ug/l	100
17) Carbon Disulfide	4.04	76	90553	12.519	ug/l	100
18) Methyl Acetate	4.33	43	62957	22.082	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	165924	19.541	ug/l	98
20) Methylene Chloride	4.54	84	56714	19.271	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	49451	18.080	ug/l	97
22) Diisopropyl ether	5.95	45	166884	19.660	ug/l	99
23) Vinyl Acetate	5.90	43	678739	93.258	ug/l	100
24) 1,1-Dichloroethane	5.84	63	94493	19.119	ug/l	99
25) 2-Butanone	6.84	43	188659	99.405	ug/l	98
26) 2,2-Dichloropropane	6.82	77	64963	15.187	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	61970	19.420	ug/l	97
28) Bromochloromethane	7.19	49	50211	21.338	ug/l	99
29) Tetrahydrofuran	7.22	42	124053	103.217	ug/l	100
30) Chloroform	7.37	83	97018	19.683	ug/l	100
31) Cyclohexane	7.65	56	83312	17.954	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	78592	17.868	ug/l	99
36) 1,1-Dichloropropene	7.79	75	68340	18.001	ug/l	98
37) Ethyl Acetate	6.93	43	74000	20.168	ug/l	99
38) Carbon Tetrachloride	7.77	117	63420	16.038	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	78646	16.729	ug/l	99
40) Benzene	8.04	78	218593	19.105	ug/l	99
41) Methacrylonitrile	7.18	41	38554	20.798	ug/l	96
42) 1,2-Dichloroethane	8.12	62	73663	19.703	ug/l	99
43) Isopropyl Acetate	8.17	43	116666	18.924	ug/l	99
44) Trichloroethene	8.83	130	61440	19.262	ug/l	98
45) 1,2-Dichloropropane	9.12	63	59304	19.894	ug/l	98
46) Dibromomethane	9.21	93	38360	19.622	ug/l	99
47) Bromodichloromethane	9.40	83	67347	16.800	ug/l	97
48) Methyl methacrylate	9.20	41	56679	19.949	ug/l	98
49) 1,4-Dioxane	9.20	88	25803	437.017	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	375787	103.210	ug/l	99
52) Toluene	10.15	92	139536	19.391	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	70231	16.413	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	81058	17.100	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	58139	20.168	ug/l	99
56) Ethyl methacrylate	10.43	69	87082	19.546	ug/l	98
57) 1,3-Dichloropropane	10.71	76	93327	19.917	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	175200	102.901	ug/l	100
59) 2-Hexanone	10.75	43	264800	102.518	ug/l	98
60) Dibromochloromethane	10.90	129	56856	16.930	ug/l	99
61) 1,2-Dibromoethane	11.00	107	58958	19.717	ug/l	99
64) Tetrachloroethene	10.63	164	60281	18.404	ug/l	98
65) Chlorobenzene	11.43	112	151053	19.430	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	54375	17.536	ug/l	99
67) Ethyl Benzene	11.51	91	263204	18.879	ug/l	98
68) m/p-Xylenes	11.62	106	198218	37.608	ug/l	98
69) o-Xylene	11.95	106	99687	19.064	ug/l	100
70) Styrene	11.96	104	158804	18.753	ug/l	99
71) Bromoform	12.13	173	37055	14.011	ug/l #	98
73) Isopropylbenzene	12.25	105	260922	21.372	ug/l	100
74) N-amyl acetate	12.07	43	96204	20.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	81746	22.395	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	70769m	24.022	ug/l	
77) Bromobenzene	12.53	156	68822	20.134	ug/l	99
78) n-propylbenzene	12.59	91	268216	19.266	ug/l	100
79) 2-Chlorotoluene	12.67	91	169909	21.189	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	211073	20.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18696	15.704	ug/l	88
82) 4-Chlorotoluene	12.77	91	155309	18.978	ug/l	100
83) tert-Butylbenzene	12.99	119	193541	21.628	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	207031	20.227	ug/l	99
85) sec-Butylbenzene	13.17	105	239833	20.866	ug/l	100
86) p-Isopropyltoluene	13.29	119	213751	19.215	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	105738	19.536	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	99651	19.366	ug/l	99
89) n-Butylbenzene	13.61	91	151779	17.808	ug/l	99
90) Hexachloroethane	13.87	117	32000	15.113	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	106645	19.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12335	17.379	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	44924	17.045	ug/l	99
94) Hexachlorobutadiene	15.01	225	38029	18.874	ug/l	98
95) Naphthalene	15.13	128	134051	18.091	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	52823	18.505	ug/l	100

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

