

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057929.D
 Acq On : 11 Sep 2019 17:35
 Operator : JC/SP
 Sample : VN0912MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:07:25 AM

Quant Time: Sep 11 18:07:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	324707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	538924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	337845	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	7.57	113	238966	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	10.09	98	980910	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	335469	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	94925	21.139	ug/l	99
3) Chloromethane	2.03	50	87981	19.223	ug/l	98
4) Vinyl Chloride	2.16	62	88787	18.329	ug/l	99
5) Bromomethane	2.54	94	48821	17.347	ug/l	96
6) Chloroethane	2.68	64	55877	18.103	ug/l	100
7) Trichlorofluoromethane	2.99	101	113984	18.699	ug/l	97
8) Diethyl Ether	3.39	74	49820	19.595	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	76337	19.851	ug/l	99
10) Methyl Iodide	3.93	142	68478	16.002	ug/l	99
11) Tert butyl alcohol	4.77	59	73623	92.493	ug/l	98
12) 1,1-Dichloroethene	3.71	96	65372	18.907	ug/l	97
13) Acrolein	3.59	56	43688	64.693	ug/l	100
14) Allyl chloride	4.30	41	121843	18.007	ug/l	99
15) Acrylonitrile	4.96	53	223208	102.022	ug/l	100
16) Acetone	3.80	43	187805	87.110	ug/l	96
17) Carbon Disulfide	4.03	76	89568	16.750	ug/l	99
18) Methyl Acetate	4.31	43	126517	22.009	ug/l	97
19) Methyl tert-butyl Ether	5.02	73	290363	20.179	ug/l	99
20) Methylene Chloride	4.53	84	86490	20.343	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	69685	18.644	ug/l	97
22) Diisopropyl ether	5.93	45	317321	19.998	ug/l	96
23) Vinyl Acetate	5.87	43	1148314	102.112	ug/l	99
24) 1,1-Dichloroethane	5.82	63	167818	19.351	ug/l	99
25) 2-Butanone	6.82	43	299750	96.060	ug/l	97
26) 2,2-Dichloropropane	6.81	77	122007	17.777	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	95686	19.103	ug/l	99
28) Bromochloromethane	7.18	49	86170	19.889	ug/l	98
29) Tetrahydrofuran	7.20	42	192024	99.866	ug/l	100
30) Chloroform	7.36	83	178293	19.663	ug/l	98
31) Cyclohexane	7.64	56	124741	19.755	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	136839	19.028	ug/l	98
36) 1,1-Dichloropropene	7.78	75	114470	18.315	ug/l	100
37) Ethyl Acetate	6.91	43	128327	19.873	ug/l	100
38) Carbon Tetrachloride	7.76	117	104815	18.368	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	115983	17.653	ug/l	97
40) Benzene	8.03	78	363047	19.294	ug/l	98
41) Methacrylonitrile	7.16	41	65974	22.507	ug/l #	66
42) 1,2-Dichloroethane	8.11	62	147753	19.634	ug/l	99
43) Isopropyl Acetate	8.15	43	211559	19.482	ug/l #	91
44) Trichloroethene	8.83	130	85035	18.425	ug/l	96
45) 1,2-Dichloropropane	9.11	63	105557	19.278	ug/l	99
46) Dibromomethane	9.20	93	65328	19.744	ug/l	98
47) Bromodichloromethane	9.40	83	122720	18.574	ug/l	99
48) Methyl methacrylate	9.19	41	104254	18.926	ug/l	98
49) 1,4-Dioxane	9.19	88	33825	363.103	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	675823	105.166	ug/l	99
52) Toluene	10.15	92	225244	19.005	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	123819	17.796	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	139255	18.128	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	99337	19.787	ug/l	100
56) Ethyl methacrylate	10.43	69	148110	19.592	ug/l	99
57) 1,3-Dichloropropane	10.71	76	173338	20.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	359039	100.835	ug/l	100
59) 2-Hexanone	10.75	43	482883	100.251	ug/l	99
60) Dibromochloromethane	10.90	129	82858	17.774	ug/l	100
61) 1,2-Dibromoethane	11.00	107	91214	19.219	ug/l	99
64) Tetrachloroethene	10.63	164	69986	18.922	ug/l	97
65) Chlorobenzene	11.43	112	255884	19.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	84395	18.553	ug/l	97
67) Ethyl Benzene	11.51	91	455001	19.804	ug/l	100
68) m/p-Xylenes	11.62	106	334005	39.688	ug/l	100
69) o-Xylene	11.95	106	165119	19.736	ug/l	98
70) Styrene	11.97	104	284694	19.772	ug/l	99
71) Bromoform	12.13	173	48888	17.238	ug/l #	98
73) Isopropylbenzene	12.25	105	454797	20.308	ug/l	99
74) N-amyl acetate	12.07	43	188410	19.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	148384	19.679	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	117331m	17.972	ug/l	
77) Bromobenzene	12.53	156	106740	19.117	ug/l	98
78) n-propylbenzene	12.60	91	539697	20.987	ug/l	99
79) 2-Chlorotoluene	12.68	91	318297	19.584	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	388895	20.552	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28339	15.275	ug/l #	79
82) 4-Chlorotoluene	12.78	91	324482	19.441	ug/l	100
83) tert-Butylbenzene	13.00	119	334339	19.877	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	386216	20.082	ug/l	100
85) sec-Butylbenzene	13.18	105	452608	20.302	ug/l	100
86) p-Isopropyltoluene	13.29	119	401241	20.427	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	198529	19.372	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	200953	19.317	ug/l	99
89) n-Butylbenzene	13.62	91	373382	20.128	ug/l	99
90) Hexachloroethane	13.88	117	53135	18.189	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	200194	19.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	23197	18.629	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	121997	18.230	ug/l	99
94) Hexachlorobutadiene	15.02	225	53730	18.940	ug/l	98
95) Naphthalene	15.13	128	357605	20.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	115600	20.390	ug/l	99

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

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