

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
 Data File : VN052512.D
 Acq On : 28 Nov 2018 11:50
 Operator : MD\SY
 Sample : VN1128MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 9:34:07 AM

Quant Time: Nov 29 00:26:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1077417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1678647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1478149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	669242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	595285	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
35) Dibromofluoromethane	7.59	113	530197	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.09	98	2076228	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.40	95	701104	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	192834	19.115	ug/l	98
3) Chloromethane	2.06	50	261428	19.632	ug/l	98
4) Vinyl Chloride	2.19	62	259126	18.943	ug/l	99
5) Bromomethane	2.58	94	151555	17.757	ug/l	100
6) Chloroethane	2.71	64	154418	18.636	ug/l	98
7) Trichlorofluoromethane	3.02	101	328989	19.579	ug/l	98
8) Diethyl Ether	3.41	74	126909	20.452	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	211099	20.134	ug/l	99
10) Methyl Iodide	3.96	142	267891	19.183	ug/l	98
11) Tert butyl alcohol	4.78	59	56178	95.656	ug/l	99
12) 1,1-Dichloroethene	3.74	96	200735	19.889	ug/l	98
13) Acrolein	3.61	56	84073	104.159	ug/l	97
14) Allyl chloride	4.33	41	328593	18.891	ug/l	95
15) Acrylonitrile	4.99	53	365285	98.257	ug/l	99
16) Acetone	3.82	43	269062	86.957	ug/l	96
17) Carbon Disulfide	4.06	76	573767	18.065	ug/l	99
18) Methyl Acetate	4.33	43	173758	19.577	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	557662	20.767	ug/l	100
20) Methylene Chloride	4.55	84	228322	18.856	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	214994	19.945	ug/l	96
22) Diisopropyl ether	5.95	45	739081	20.228	ug/l	99
23) Vinyl Acetate	5.90	43	2280220	100.195	ug/l	99
24) 1,1-Dichloroethane	5.85	63	419716	20.119	ug/l	100
25) 2-Butanone	6.83	43	419941	95.752	ug/l	96
26) 2,2-Dichloropropane	6.82	77	284713	19.717	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	252343	20.097	ug/l	98
28) Bromochloromethane	7.19	49	175050	18.371	ug/l	97
29) Tetrahydrofuran	7.21	42	273971	96.852	ug/l	98
30) Chloroform	7.37	83	403814	19.401	ug/l	100
31) Cyclohexane	7.66	56	404615	19.818	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	328297	19.908	ug/l	99
36) 1,1-Dichloropropene	7.79	75	316222	19.949	ug/l	99
37) Ethyl Acetate	6.93	43	189278	19.565	ug/l	100
38) Carbon Tetrachloride	7.78	117	281719	19.632	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	390115	20.247	ug/l	99
40) Benzene	8.04	78	956570	20.248	ug/l	99
41) Methacrylonitrile	7.17	41	95891	18.130	ug/l	92
42) 1,2-Dichloroethane	8.12	62	288594	20.175	ug/l	98
43) Isopropyl Acetate	8.16	43	337687	20.626	ug/l	98
44) Trichloroethene	8.84	130	246564	20.376	ug/l	99
45) 1,2-Dichloropropane	9.12	63	256822	20.448	ug/l	98
46) Dibromomethane	9.21	93	139591	20.077	ug/l	98
47) Bromodichloromethane	9.40	83	296023	19.582	ug/l	98
48) Methyl methacrylate	9.20	41	171522	20.092	ug/l	98
49) 1,4-Dioxane	9.20	88	31731	358.150	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	940397	102.375	ug/l	100
52) Toluene	10.16	92	599002	21.341	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	290443	19.972	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	351459	20.167	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	201441	20.403	ug/l	100
56) Ethyl methacrylate	10.43	69	259344	20.591	ug/l	99
57) 1,3-Dichloropropane	10.71	76	354947	20.360	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	706839	98.662	ug/l	99
59) 2-Hexanone	10.75	43	622549	100.980	ug/l	100
60) Dibromochloromethane	10.90	129	211241	19.699	ug/l	100
61) 1,2-Dibromoethane	11.01	107	199150	20.309	ug/l	100
64) Tetrachloroethene	10.63	164	230993	20.156	ug/l	99
65) Chlorobenzene	11.43	112	627815	20.598	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	211157	19.925	ug/l	98
67) Ethyl Benzene	11.51	91	1118159	20.949	ug/l	100
68) m/p-Xylenes	11.62	106	857068	43.134	ug/l	99
69) o-Xylene	11.95	106	415496	21.533	ug/l	100
70) Styrene	11.96	104	655661	21.334	ug/l	100
71) Bromoform	12.13	173	140292	19.993	ug/l #	99
73) Isopropylbenzene	12.25	105	1084599	20.657	ug/l	99
74) N-amyl acetate	12.07	43	284771	21.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	239478	20.050	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	204795m	19.844	ug/l	
77) Bromobenzene	12.53	156	275462	21.225	ug/l	96
78) n-propylbenzene	12.59	91	1232292	20.659	ug/l	100
79) 2-Chlorotoluene	12.68	91	724490	20.396	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	883956	21.109	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55626	18.000	ug/l	92
82) 4-Chlorotoluene	12.77	91	730926	20.417	ug/l	100
83) tert-Butylbenzene	12.99	119	770242	20.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	929325	22.144	ug/l	100
85) sec-Butylbenzene	13.17	105	1034007	20.335	ug/l	99
86) p-Isopropyltoluene	13.29	119	890411	20.560	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	464770	20.473	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	450718	20.156	ug/l	99
89) n-Butylbenzene	13.62	91	740954	20.572	ug/l	99
90) Hexachloroethane	13.88	117	137692	18.777	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	450298	20.762	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33850	19.815	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	227482	20.892	ug/l	99
94) Hexachlorobutadiene	15.01	225	138372	19.831	ug/l	99
95) Naphthalene	15.14	128	541434	23.443	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	214914	21.327	ug/l	100

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

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