

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122118\
 Data File : VN053105.D
 Acq On : 21 Dec 2018 16:39
 Operator : MD\SY
 Sample : VN1221MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS02

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 10:06:46 AM

Quant Time: Dec 21 17:36:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	898335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1392889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1268921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	569716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	446563	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.59	113	339425	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	10.09	98	1510284	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
62) 4-Bromofluorobenzene	12.40	95	531424	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	165063	18.155	ug/l	99
3) Chloromethane	2.06	50	211137	19.164	ug/l	100
4) Vinyl Chloride	2.19	62	207945	18.636	ug/l	100
5) Bromomethane	2.58	94	138831	17.958	ug/l	98
6) Chloroethane	2.71	64	128788	19.489	ug/l	97
7) Trichlorofluoromethane	3.02	101	265092	19.071	ug/l	100
8) Diethyl Ether	3.42	74	119089	22.710	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	170591	19.248	ug/l	100
10) Methyl Iodide	3.96	142	226419	18.192	ug/l	99
11) Tert butyl alcohol	4.78	59	79372	142.692	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	164654	19.230	ug/l	99
13) Acrolein	3.61	56	64559	127.999	ug/l	100
14) Allyl chloride	4.33	41	281825	21.249	ug/l	95
15) Acrylonitrile	4.99	53	393030	127.185	ug/l	100
16) Acetone	3.82	43	242257	135.533	ug/l	98
17) Carbon Disulfide	4.06	76	436847	15.644	ug/l	99
18) Methyl Acetate	4.33	43	206448	25.935	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	539100	23.528	ug/l	99
20) Methylene Chloride	4.56	84	206566	21.186	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	176408	19.176	ug/l	97
22) Diisopropyl ether	5.96	45	639388	22.586	ug/l	99
23) Vinyl Acetate	5.90	43	1971646	121.117	ug/l	99
24) 1,1-Dichloroethane	5.86	63	349393	20.770	ug/l	99
25) 2-Butanone	6.84	43	420494	140.176	ug/l	99
26) 2,2-Dichloropropane	6.83	77	245267	19.099	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	218382	20.968	ug/l	98
28) Bromochloromethane	7.20	49	152554	20.928	ug/l	96
29) Tetrahydrofuran	7.21	42	297148	132.630	ug/l	97
30) Chloroform	7.37	83	346008	20.938	ug/l	99
31) Cyclohexane	7.66	56	306749	18.786	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	274798	19.520	ug/l	99
36) 1,1-Dichloropropene	7.80	75	247994	18.550	ug/l	99
37) Ethyl Acetate	6.93	43	191831	25.703	ug/l	99
38) Carbon Tetrachloride	7.78	117	227663	18.578	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	288198	17.745	ug/l	99
40) Benzene	8.05	78	810358	20.378	ug/l	99
41) Methacrylonitrile	7.18	41	111805	25.927	ug/l	96
42) 1,2-Dichloroethane	8.13	62	255963	21.788	ug/l	99
43) Isopropyl Acetate	8.17	43	353218	23.911	ug/l	99
44) Trichloroethene	8.84	130	216601	18.831	ug/l	93
45) 1,2-Dichloropropane	9.12	63	217479	20.996	ug/l	100
46) Dibromomethane	9.21	93	130282	21.591	ug/l	99
47) Bromodichloromethane	9.40	83	260938	20.344	ug/l	100
48) Methyl methacrylate	9.20	41	179751	24.820	ug/l	99
49) 1,4-Dioxane	9.20	88	44276	483.301	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	968439	133.989	ug/l	99
52) Toluene	10.16	92	500987	20.325	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	271436	20.125	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	316951	20.473	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	196093	22.804	ug/l	98
56) Ethyl methacrylate	10.43	69	270910	23.802	ug/l	97
57) 1,3-Dichloropropane	10.71	76	328437	22.273	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	754299	120.716	ug/l	99
59) 2-Hexanone	10.75	43	664475	135.880	ug/l	100
60) Dibromochloromethane	10.90	129	203651	20.690	ug/l	100
61) 1,2-Dibromoethane	11.01	107	196001	22.443	ug/l	100
64) Tetrachloroethene	10.63	164	236095	17.176	ug/l	98
65) Chlorobenzene	11.44	112	554032	19.697	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	194030	19.836	ug/l	100
67) Ethyl Benzene	11.51	91	934820	19.325	ug/l	99
68) m/p-Xylenes	11.62	106	722149	39.270	ug/l	98
69) o-Xylene	11.95	106	353219	20.017	ug/l	100
70) Styrene	11.97	104	579422	20.137	ug/l	100
71) Bromoform	12.13	173	142741	20.200	ug/l #	100
73) Isopropylbenzene	12.25	105	917028	20.573	ug/l	100
74) N-amyl acetate	12.07	43	301593	24.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	238158	27.234	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	215624m	22.483	ug/l	
77) Bromobenzene	12.53	156	249043	21.493	ug/l	99
78) n-propylbenzene	12.59	91	1007513	19.846	ug/l	100
79) 2-Chlorotoluene	12.68	91	613883	19.508	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	724483	19.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	64327	21.618	ug/l	100
82) 4-Chlorotoluene	12.77	91	609351	19.781	ug/l	99
83) tert-Butylbenzene	12.99	119	636653	19.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	733750	20.089	ug/l	99
85) sec-Butylbenzene	13.17	105	828359	19.059	ug/l	100
86) p-Isopropyltoluene	13.29	119	708072	18.854	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	402876	19.645	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	398123	19.170	ug/l	100
89) n-Butylbenzene	13.62	91	546214	16.906	ug/l	100
90) Hexachloroethane	13.88	117	104169	18.075	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	382586	19.822	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33348	22.055	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	173974	17.407	ug/l	99
94) Hexachlorobutadiene	15.01	225	106854	18.365	ug/l	99
95) Naphthalene	15.14	128	424547	19.665	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	165097	18.255	ug/l	99

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

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