

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053039.D
 Acq On : 20 Dec 2018 4:37
 Operator : MD\SY
 Sample : J6411-07MS 10X
 Misc : 5.39g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 46 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-K(12-13FT)1218MS

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 12:13:05 PM

Quant Time: Dec 20 08:02:06 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	943742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1491062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1332611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	628656	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	575153	60.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.10%	
35) Dibromofluoromethane	7.59	113	443922	65.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.36%	
50) Toluene-d8	10.09	98	1923956	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.40	95	915735	71.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	415019	43.451	ug/l	100
3) Chloromethane	2.06	50	600443	51.877	ug/l	100
4) Vinyl Chloride	2.19	62	564073	48.121	ug/l	99
5) Bromomethane	2.56	94	385728	47.495	ug/l	99
6) Chloroethane	2.71	64	342113	49.279	ug/l	98
7) Trichlorofluoromethane	3.02	101	658304	45.081	ug/l	100
8) Diethyl Ether	3.41	74	320685	58.212	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.77	101	413762	44.440	ug/l	97
10) Methyl Iodide	3.96	142	701206	53.629	ug/l	99
11) Tert butyl alcohol	4.78	59	164441	281.402	ug/l	99
12) 1,1-Dichloroethene	3.74	96	422074	46.923	ug/l	98
13) Acrolein	3.61	56	177516	335.021	ug/l	100
14) Allyl chloride	4.33	41	694233	49.826	ug/l	98
15) Acrylonitrile	4.99	53	936715	288.537	ug/l	100
16) Acetone	3.82	43	580157	308.958	ug/l	96
17) Carbon Disulfide	4.06	76	1153381	39.317	ug/l	99
18) Methyl Acetate	4.32	43	484615	56.725	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1401857	58.237	ug/l	99
20) Methylene Chloride	4.55	84	552859	53.974	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	466186	48.237	ug/l	97
22) Diisopropyl ether	5.95	45	1708104	57.434	ug/l	98
23) Vinyl Acetate	5.90	43	4934429	288.535	ug/l	98
24) 1,1-Dichloroethane	5.85	63	929779	52.611	ug/l	99
25) 2-Butanone	6.83	43	972953	308.738	ug/l	98
26) 2,2-Dichloropropane	6.82	77	509692	37.781	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	569109	52.015	ug/l	97
28) Bromochloromethane	7.19	49	436165	56.956	ug/l	95
29) Tetrahydrofuran	7.21	42	684788	290.944	ug/l	98
30) Chloroform	7.37	83	906249	52.201	ug/l	100
31) Cyclohexane	7.65	56	754755	45.441	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	698950	47.261	ug/l	99
36) 1,1-Dichloropropene	7.80	75	633964	44.297	ug/l	100
37) Ethyl Acetate	6.93	43	452817	56.677	ug/l	98
38) Carbon Tetrachloride	7.77	117	573362	43.708	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	815609	46.913	ug/l	98
40) Benzene	8.04	78	2094554	49.203	ug/l	99
41) Methacrylonitrile	7.18	41	278185	60.262	ug/l	92
42) 1,2-Dichloroethane	8.12	62	661963	52.638	ug/l	99
43) Isopropyl Acetate	8.16	43	862161	55.887	ug/l	99
44) Trichloroethene	8.84	130	566200	45.985	ug/l	98
45) 1,2-Dichloropropane	9.12	63	579879	52.297	ug/l	99
46) Dibromomethane	9.21	93	337948	52.319	ug/l	98
47) Bromodichloromethane	9.40	83	696248	50.708	ug/l	100
48) Methyl methacrylate	9.20	41	423396	54.613	ug/l	98
49) 1,4-Dioxane	9.20	88	100692	1026.751	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	2242536	289.840	ug/l	98
52) Toluene	10.16	92	1256079	47.604	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	696664	48.252	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	812140	49.005	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	641019	69.637	ug/l	98
56) Ethyl methacrylate	10.43	69	813919	66.803	ug/l	96
57) 1,3-Dichloropropane	10.71	76	853275	54.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1891081	282.717	ug/l	98
59) 2-Hexanone	10.75	43	1416455	270.583	ug/l	91
60) Dibromochloromethane	10.90	129	534438	50.720	ug/l	99
61) 1,2-Dibromoethane	11.01	107	497946	53.263	ug/l	99
64) Tetrachloroethene	10.63	164	664983	46.067	ug/l	100
65) Chlorobenzene	11.43	112	1408615	47.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	507163	49.371	ug/l	99
67) Ethyl Benzene	11.51	91	2371472	46.681	ug/l	100
68) m/p-Xylenes	11.62	106	1779376	92.136	ug/l	100
69) o-Xylene	11.95	106	863510	46.596	ug/l	96
70) Styrene	11.96	104	1437753	47.579	ug/l	99
71) Bromoform	12.13	173	352916	47.556	ug/l #	100
73) Isopropylbenzene	12.25	105	4247697	86.358	ug/l	99
74) N-amyl acetate	12.05	43	4300336	314.903	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.51	83	917979	95.130	ug/l	86
76) 1,2,3-Trichloropropane	12.55	75	484608m	45.792	ug/l	
77) Bromobenzene	12.53	156	582427	45.553	ug/l	94
78) n-propylbenzene	12.59	91	4181593	74.645	ug/l	100
79) 2-Chlorotoluene	12.68	91	1565591	45.087	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	1668710	41.623	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	143301	43.644	ug/l #	62
82) 4-Chlorotoluene	12.77	91	1436990	42.276	ug/l	91
83) tert-Butylbenzene	12.99	119	1828889	51.580	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	6546568	162.433	ug/l	99
85) sec-Butylbenzene	13.17	105	5032985	104.943	ug/l	84
86) p-Isopropyltoluene	13.29	119	2372148	57.242	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	887978	39.240	ug/l #	68
88) 1,4-Dichlorobenzene	13.36	146	882941	38.529	ug/l #	72
89) n-Butylbenzene	13.62	91	3406826	95.557	ug/l #	87
90) Hexachloroethane	13.89	117	616442	96.933	ug/l #	39
91) 1,2-Dichlorobenzene	13.65	146	854541	40.124	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	14.27	75	93290	55.913	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	534203	47.375	ug/l #	87
94) Hexachlorobutadiene	15.01	225	387656	67.350	ug/l	99
95) Naphthalene	15.13	128	1198806	48.535	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	489058	48.150	ug/l	95

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

