

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053040.D
 Acq On : 20 Dec 2018 5:03
 Operator : MD\SY
 Sample : J6411-08MSD 10X
 Misc : 5.77µ/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 28

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

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 12:13:11 PM

Quant Time: Dec 20 08:03:32 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	1086603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1672987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1463253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	678815	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	586567	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	7.59	113	466332	61.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.04%	
50) Toluene-d8	10.09	98	2112795	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	900562	62.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	489357	44.498	ug/l	99
3) Chloromethane	2.06	50	621111	46.608	ug/l	100
4) Vinyl Chloride	2.19	62	641632	47.541	ug/l	100
5) Bromomethane	2.56	94	412761	44.142	ug/l	100
6) Chloroethane	2.71	64	372337	46.581	ug/l	99
7) Trichlorofluoromethane	3.02	101	781615	46.488	ug/l	100
8) Diethyl Ether	3.41	74	330748	52.145	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	489249	45.639	ug/l	97
10) Methyl Iodide	3.96	142	746453	49.584	ug/l	99
11) Tert butyl alcohol	4.78	59	170200	252.964	ug/l	99
12) 1,1-Dichloroethene	3.74	96	490887	47.398	ug/l	99
13) Acrolein	3.61	56	185652	304.310	ug/l	99
14) Allyl chloride	4.33	41	819730	51.098	ug/l	94
15) Acrylonitrile	4.99	53	957556	256.178	ug/l	99
16) Acetone	3.81	43	591382	273.530	ug/l	95
17) Carbon Disulfide	4.06	76	1392362	41.224	ug/l	100
18) Methyl Acetate	4.32	43	512084	52.141	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1463943	52.820	ug/l	100
20) Methylene Chloride	4.55	84	583853	49.506	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	538910	48.431	ug/l	98
22) Diisopropyl ether	5.95	45	1814732	52.996	ug/l	96
23) Vinyl Acetate	5.90	43	5142953	261.190	ug/l	98
24) 1,1-Dichloroethane	5.85	63	1029613	50.601	ug/l	100
25) 2-Butanone	6.83	43	985591	271.630	ug/l	98
26) 2,2-Dichloropropane	6.83	77	579400	37.302	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	637316	50.591	ug/l	96
28) Bromochloromethane	7.20	49	471794	53.509	ug/l	94
29) Tetrahydrofuran	7.21	42	697315	257.315	ug/l	97
30) Chloroform	7.37	83	1002644	50.161	ug/l	99
31) Cyclohexane	7.65	56	894272	46.793	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	817930	48.035	ug/l	99
36) 1,1-Dichloropropene	7.79	75	754835	47.007	ug/l	100
37) Ethyl Acetate	6.93	43	479294	53.467	ug/l	99
38) Carbon Tetrachloride	7.78	117	689143	46.822	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	927996	47.573	ug/l	98
40) Benzene	8.04	78	2371694	49.655	ug/l	99
41) Methacrylonitrile	7.17	41	261710	50.528	ug/l	98
42) 1,2-Dichloroethane	8.12	62	705267	49.983	ug/l	98
43) Isopropyl Acetate	8.16	43	891890	51.444	ug/l	98
44) Trichloroethene	8.83	130	658078	47.635	ug/l	97
45) 1,2-Dichloropropane	9.12	63	635657	51.094	ug/l	100
46) Dibromomethane	9.21	93	365439	50.423	ug/l	98
47) Bromodichloromethane	9.40	83	764945	49.653	ug/l	100
48) Methyl methacrylate	9.20	41	448745	51.588	ug/l	99
49) 1,4-Dioxane	9.20	88	98591	896.006	ug/l #	92
51) 4-Methyl-2-Pentanone	9.98	43	2286392	263.374	ug/l	99
52) Toluene	10.16	92	1445941	48.841	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	767755	47.393	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	895837	48.177	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	657786	63.688	ug/l	98
56) Ethyl methacrylate	10.43	69	828935	60.637	ug/l	96
57) 1,3-Dichloropropane	10.71	76	912934	51.546	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	2000984	266.618	ug/l	98
59) 2-Hexanone	10.75	43	1408946	239.881	ug/l	91
60) Dibromochloromethane	10.90	129	576088	48.728	ug/l	99
61) 1,2-Dibromoethane	11.01	107	531997	50.717	ug/l	99
64) Tetrachloroethene	10.63	164	784191	49.475	ug/l	98
65) Chlorobenzene	11.43	112	1587626	48.946	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	565713	50.154	ug/l	100
67) Ethyl Benzene	11.51	91	2685625	48.145	ug/l	99
68) m/p-Xylenes	11.62	106	2062233	97.248	ug/l	100
69) o-Xylene	11.95	106	969726	47.655	ug/l	98
70) Styrene	11.97	104	1610782	48.546	ug/l	99
71) Bromoform	12.13	173	366963	45.034	ug/l #	99
73) Isopropylbenzene	12.25	105	4559672	85.851	ug/l	99
74) N-amyl acetate	12.05	43	3805019	258.044	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.50	83	852057	81.774	ug/l	89
76) 1,2,3-Trichloropropane	12.55	75	522938m	45.763	ug/l	
77) Bromobenzene	12.53	156	646683	46.841	ug/l	98
78) n-propylbenzene	12.59	91	5475799	90.525	ug/l	99
79) 2-Chlorotoluene	12.68	91	1844442	49.193	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	1875095	43.314	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	146524	41.328	ug/l #	69
82) 4-Chlorotoluene	12.77	91	1652007	45.010	ug/l	93
83) tert-Butylbenzene	12.99	119	2011615	52.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	13055143	299.987	ug/l	99
85) sec-Butylbenzene	13.17	105	5342828	103.171	ug/l	85
86) p-Isopropyltoluene	13.29	119	3195882	71.420	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1021092	41.788	ug/l #	75
88) 1,4-Dichlorobenzene	13.36	146	1033329	41.759	ug/l #	80
89) n-Butylbenzene	13.62	91	3835780	99.639	ug/l #	86
90) Hexachloroethane	13.89	117	655748	95.495	ug/l #	40
91) 1,2-Dichlorobenzene	13.65	146	982853	42.739	ug/l #	74
92) 1,2-Dibromo-3-Chloropropan	14.27	75	90413	50.184	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	620633	50.928	ug/l #	88
94) Hexachlorobutadiene	15.01	225	401832	64.532	ug/l	99
95) Naphthalene	15.13	128	1343237	50.321	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	566121	51.582	ug/l	95

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

