

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051060.D
 Acq On : 7 Sep 2018 17:54
 Operator : MD\SY
 Sample : J4693-12MSD 5X
 Misc : 5.80g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(15-20)MSD

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:54:06 AM

Quant Time: Sep 08 01:11:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	930655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	894409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	498965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	357929	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
35) Dibromofluoromethane	7.59	113	342961	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	10.09	98	1332643	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.40	95	599235	65.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	445961	51.46	ug/l	99
3) Chloromethane	2.06	50	488782	45.73	ug/l	100
4) Vinyl Chloride	2.18	62	488948	48.29	ug/l	100
5) Bromomethane	2.52	94	218636	37.73	ug/l	100
6) Chloroethane	2.67	64	264735	45.25	ug/l	100
7) Trichlorofluoromethane	3.00	101	616981	47.59	ug/l	99
8) Diethyl Ether	3.41	74	240385	54.53	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	382334	47.20	ug/l	99
10) Methyl Iodide	3.94	142	342320	48.39	ug/l	98
11) Tert butyl alcohol	4.80	59	187969	378.68	ug/l	98
12) 1,1-Dichloroethene	3.72	96	366858	50.44	ug/l	97
13) Acrolein	3.61	56	68572	237.53	ug/l	97
14) Allyl chloride	4.32	41	574506	50.70	ug/l	98
15) Acrylonitrile	4.99	53	776274	307.72	ug/l	99
16) Acetone	3.82	43	518873	282.00	ug/l	100
17) Carbon Disulfide	4.04	76	1116767	45.81	ug/l	99
18) Methyl Acetate	4.33	43	445562	60.53	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1071190	58.56	ug/l	100
20) Methylene Chloride	4.55	84	421976	48.03	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	392006	49.84	ug/l	99
22) Diisopropyl ether	5.95	45	1183726	52.41	ug/l	97
23) Vinyl Acetate	5.90	43	4009236	275.66	ug/l	99
24) 1,1-Dichloroethane	5.85	63	706028	48.70	ug/l	100
25) 2-Butanone	6.84	43	866848	275.94	ug/l	100
26) 2,2-Dichloropropane	6.82	77	532684	45.72	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	440524	51.95	ug/l	97
28) Bromochloromethane	7.20	49	274388	44.54	ug/l	95
29) Tetrahydrofuran	7.21	42	582965	323.67	ug/l	97
30) Chloroform	7.37	83	699152	48.70	ug/l	99
31) Cyclohexane	7.65	56	642335	48.76	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	597504	48.45	ug/l	98
36) 1,1-Dichloropropene	7.79	75	550060	50.09	ug/l	99
37) Ethyl Acetate	6.93	43	372150	58.99	ug/l	99
38) Carbon Tetrachloride	7.77	117	528620	47.62	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	699823	58.90	ug/l	97
40) Benzene	8.04	78	1669535	50.41	ug/l	99
41) Methacrylonitrile	7.18	41	208400	61.04	ug/l	96
42) 1,2-Dichloroethane	8.13	62	491004	49.59	ug/l	98
43) Isopropyl Acetate	8.17	43	655912	60.47	ug/l	99
44) Trichloroethene	8.84	130	441048	50.50	ug/l	100
45) 1,2-Dichloropropane	9.12	63	432872	49.73	ug/l	100
46) Dibromomethane	9.21	93	263453	51.52	ug/l	97
47) Bromodichloromethane	9.40	83	534967	49.94	ug/l	97
48) Methyl methacrylate	9.20	41	332403	60.13	ug/l	98
49) 1,4-Dioxane	9.20	88	104300	1384.07	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1925638	297.50	ug/l	97
52) Toluene	10.16	92	1061626	54.12	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	571197	53.58	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	636825	52.16	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	453802	62.32	ug/l	99
56) Ethyl methacrylate	10.43	69	575009	60.20	ug/l	97
57) 1,3-Dichloropropane	10.71	76	655575	54.55	ug/l	100
59) 2-Hexanone	10.75	43	1540613	357.53	ug/l	92
60) Dibromochloromethane	10.90	129	432195	53.01	ug/l	98
61) 1,2-Dibromoethane	11.01	107	400183	56.84	ug/l	98
64) Tetrachloroethene	10.63	164	406861	47.89	ug/l	99
65) Chlorobenzene	11.44	112	1186455	50.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	422308	49.37	ug/l	100
67) Ethyl Benzene	11.51	91	2031363	53.45	ug/l	100
68) m/p-Xylenes	11.62	106	1564857	108.47	ug/l	99
69) o-Xylene	11.95	106	766077	55.24	ug/l	99
70) Styrene	11.96	104	1215174	49.72	ug/l	100
71) Bromoform	12.13	173	318868	54.21	ug/l #	99
73) Isopropylbenzene	12.25	105	2980755	72.15	ug/l	99
74) N-amyl acetate	12.05	43	1951775	188.01	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.51	83	728018	74.72	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	421236m	48.20	ug/l	
77) Bromobenzene	12.53	156	515311	45.89	ug/l	98
78) n-propylbenzene	12.59	91	4862392	105.35	ug/l	99
79) 2-Chlorotoluene	12.68	91	1343052	46.72	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1625379	48.76	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	134498	52.03	ug/l #	86
82) 4-Chlorotoluene	12.77	91	1322467	46.60	ug/l	95
83) tert-Butylbenzene	12.99	119	1549406	53.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1662653	49.58	ug/l	99
85) sec-Butylbenzene	13.17	105	2920893	77.21	ug/l	88
86) p-Isopropyltoluene	13.29	119	1637214	50.79	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	862955	45.29	ug/l #	87
88) 1,4-Dichlorobenzene	13.36	146	856823	45.69	ug/l #	84
89) n-Butylbenzene	13.62	91	1991872	77.26	ug/l	96
90) Hexachloroethane	13.88	117	434160	70.59	ug/l	65
91) 1,2-Dichlorobenzene	13.65	146	847439	46.10	ug/l #	78
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77999	52.57	ug/l	89
93) 1,2,4-Trichlorobenzene	14.91	180	490042	51.14	ug/l #	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	336139	61.95	ug/l	99
95) Naphthalene	15.13	128	1130431	55.98	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	476701	52.96	ug/l	97

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

