

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051108.D
 Acq On : 11 Sep 2018 4:28
 Operator : MD\SY
 Sample : J4693-12MSD
 Misc : 5.80g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 9:41:58 AM

Quant Time: Sep 11 06:46:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	597989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	874905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	532678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	337625	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.59	113	325058	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.09	98	1334775	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.39	95	879981	106.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	250063	43.36	ug/l	100
3) Chloromethane	2.05	50	342639	45.96	ug/l	99
4) Vinyl Chloride	2.18	62	337289	42.61	ug/l	99
5) Bromomethane	2.51	94	105553	23.10	ug/l	97
6) Chloroethane	2.63	64	214981	44.00	ug/l	99
7) Trichlorofluoromethane	2.97	101	467319	44.55	ug/l	100
8) Diethyl Ether	3.40	74	196177	50.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	295499	43.70	ug/l	99
10) Methyl Iodide	3.94	142	276299	44.41	ug/l	99
11) Tert butyl alcohol	4.82	59	125623	247.14	ug/l #	73
12) 1,1-Dichloroethene	3.72	96	294038	46.10	ug/l	98
13) Acrolein	3.60	56	157053	252.83	ug/l	99
14) Allyl chloride	4.31	41	453578	46.67	ug/l	99
15) Acrylonitrile	4.99	53	601905	267.24	ug/l	100
16) Acetone	3.82	43	386390	234.46	ug/l	98
17) Carbon Disulfide	4.03	76	885085	47.09	ug/l	100
18) Methyl Acetate	4.32	43	287089	53.87	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	868365	51.50	ug/l	100
20) Methylene Chloride	4.54	84	354126	48.17	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	325400	47.03	ug/l	98
22) Diisopropyl ether	5.95	45	996513	51.66	ug/l	94
23) Vinyl Acetate	5.89	43	3381545	259.03	ug/l	100
24) 1,1-Dichloroethane	5.84	63	587979	48.04	ug/l	100
25) 2-Butanone	6.84	43	644093	246.17	ug/l	99
26) 2,2-Dichloropropane	6.82	77	335593	33.50	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	369850	48.73	ug/l	97
28) Bromochloromethane	7.19	49	261517	48.01	ug/l	98
29) Tetrahydrofuran	7.21	42	437402	267.71	ug/l	100
30) Chloroform	7.37	83	587534	48.25	ug/l	99
31) Cyclohexane	7.65	56	513777	47.07	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	495186	47.73	ug/l	99
36) 1,1-Dichloropropene	7.79	75	452356	47.09	ug/l	99
37) Ethyl Acetate	6.93	43	289391	52.02	ug/l	99
38) Carbon Tetrachloride	7.77	117	428020	45.27	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	720507	67.98	ug/l	100
40) Benzene	8.04	78	1404423	48.52	ug/l	100
41) Methacrylonitrile	7.17	41	152553	53.15	ug/l	95
42) 1,2-Dichloroethane	8.12	62	413137	48.97	ug/l	99
43) Isopropyl Acetate	8.17	43	527482	53.74	ug/l #	88
44) Trichloroethene	8.83	130	375160	47.39	ug/l	96
45) 1,2-Dichloropropane	9.12	63	373225	49.90	ug/l	100
46) Dibromomethane	9.21	93	220692	48.36	ug/l	100
47) Bromodichloromethane	9.40	83	453409	48.87	ug/l	100
48) Methyl methacrylate	9.20	41	255856	53.48	ug/l	99
49) 1,4-Dioxane	9.21	88	78568	1047.38	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1385427	255.22	ug/l	100
52) Toluene	10.16	92	893718	50.64	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	471288	50.75	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	528404	48.53	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	287531	44.85	ug/l	99
56) Ethyl methacrylate	10.43	69	607911	69.64	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	552388	51.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	953026	262.68	ug/l	99
59) 2-Hexanone	10.75	43	884078	240.15	ug/l	92
60) Dibromochloromethane	10.90	129	358982	49.67	ug/l	98
61) 1,2-Dibromoethane	11.01	107	333401	53.20	ug/l	99
64) Tetrachloroethene	10.63	164	344719	45.77	ug/l	99
65) Chlorobenzene	11.43	112	1005226	48.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	350570	46.80	ug/l	100
67) Ethyl Benzene	11.51	91	1702714	50.53	ug/l	100
68) m/p-Xylenes	11.62	106	1291651	99.77	ug/l	99
69) o-Xylene	11.95	106	622397	49.64	ug/l	95
70) Styrene	11.96	104	1007355	51.80	ug/l	97
71) Bromoform	12.13	173	238082	45.14	ug/l #	100
73) Isopropylbenzene	12.25	105	5466668	122.37	ug/l	100
74) N-amyl acetate	12.05	43	4097834	364.51	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.50	83	946696	93.76	ug/l #	91
76) 1,2,3-Trichloropropane	12.55	75	351824m	42.38	ug/l	
77) Bromobenzene	12.53	156	421750	35.15	ug/l	87
78) n-propylbenzene	12.59	91	11926595	242.89	ug/l	99
79) 2-Chlorotoluene	12.68	91	1082497	35.27	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1219531	33.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	96284	34.33	ug/l #	38
82) 4-Chlorotoluene	12.77	91	1072758	35.21	ug/l	91
83) tert-Butylbenzene	12.99	119	1504004	47.17	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1275440	35.92	ug/l	99
85) sec-Butylbenzene	13.17	105	5329718	130.34	ug/l #	77
86) p-Isopropyltoluene	13.29	119	1215646	35.06	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	698142	34.30	ug/l #	51
88) 1,4-Dichlorobenzene	13.36	146	707010	37.83	ug/l #	42
89) n-Butylbenzene	13.62	91	3459905	128.22	ug/l	92
90) Hexachloroethane	13.89	117	893247	142.65	ug/l #	23
91) 1,2-Dichlorobenzene	13.65	146	701067	35.34	ug/l #	70
92) 1,2-Dibromo-3-Chloropropan	14.27	75	60841	40.01	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	410632	43.41	ug/l #	56
94) Hexachlorobutadiene	15.01	225	234008	40.14	ug/l	99
95) Naphthalene	15.13	128	971082	48.64	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	394591	43.50	ug/l #	83

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

