

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
 Data File : BM016049.D
 Acq On : 24 Jul 2018 05:26
 Operator : SJ/JU
 Sample : J3762-09
 Misc : MDL 1 PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Quant Time: Jul 24 09:17:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	43043	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	162838	20.00	ng	0.00
38) Acenaphthene-d10	14.85	164	84559	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	181934	20.00	ng	0.00
75) Chrysene-d12	21.70	240	189523	20.00	ng	0.00
86) Perylene-d12	24.07	264	197816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	327839	126.52	ng	0.00
7) Phenol-d6	7.38	99	399182	117.96	ng	0.00
23) Nitrobenzene-d5	9.41	82	307514	87.84	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	136558	127.33	ng	0.00
44) 2-Fluorobiphenyl	13.47	172	615265	88.53	ng	0.00
78) Terphenyl-d14	20.15	244	1120612	123.77	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.57	93	1683	0.432	ng	# 80
8) 2-Chlorophenol	7.79	128	2219	0.721	ng	# 41
9) Benzaldehyde	7.38	77	1045	0.440	ng	# 2
10) Phenol	7.41	94	2731	0.807	ng	# 13
11) bis(2-Chloroethyl)ether	7.66	93	1451	0.543	ng	# 58
12) 1,3-Dichlorobenzene	8.13	146	3087	0.856	ng	# 80
13) 1,4-Dichlorobenzene	8.26	146	2811	0.769	ng	93
14) 1,2-Dichlorobenzene	8.59	146	2984	0.834	ng	95
15) Benzyl Alcohol	8.55	79	5984	2.221	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	8.76	45	3019	0.738	ng	# 47
18) Hexachloroethane	9.31	117	1186	0.750	ng	95
24) Nitrobenzene	9.46	77	3499	0.993	ng	# 82
31) Naphthalene	11.10	128	7246	0.879	ng	# 92
34) Hexachlorobutadiene	11.36	225	1539	0.750	ng	# 76
37) 2-Methylnaphthalene	12.71	142	4974	0.901	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	2374	0.825	ng	# 100
45) 1,1'-Biphenyl	13.70	154	7249	0.950	ng	91
46) 2-Chloronaphthalene	13.75	162	4932	0.831	ng	# 84
48) Acenaphthylene	14.59	152	7034	0.810	ng	# 93
49) Dimethylphthalate	14.31	163	6184	0.836	ng	# 97
50) 2,6-Dinitrotoluene	14.45	165	779	0.523	ng	# 62
51) Acenaphthene	14.92	154	4594	0.860	ng	# 81
54) Dibenzofuran	15.26	168	7537	0.856	ng	90
57) Fluorene	15.90	166	5499	0.840	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	1003	0.628	ng	# 100
59) Diethylphthalate	15.65	149	6148	0.771	ng	96
62) Azobenzene	16.17	77	4835	0.576	ng	# 77
65) n-Nitrosodiphenylamine	16.10	169	4534	0.757	ng	# 89
66) 4-Bromophenyl-phenylether	16.78	248	1380	0.670	ng	# 62
67) Hexachlorobenzene	16.89	284	1865	0.822	ng	# 70
68) Atrazine	17.03	200	1388	0.646	ng	# 81
70) Phenanthrene	17.63	178	9778	0.960	ng	# 91
71) Anthracene	17.73	178	8056	0.814	ng	# 93
72) Carbazole	18.01	167	6284	0.613	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	18.51	149	8467	0.663	nq	# 95
74) Fluoranthene	19.62	202	9578	0.843	nq	98
77) Pyrene	19.97	202	9423	0.830	nq	98
79) Butylbenzylphthalate	20.82	149	4013	0.696	nq	# 80
80) Benzo(a)anthracene	21.69	228	11181	0.958	nq	92
82) Chrysene	21.74	228	10412	0.930	nq	92
83) Bis(2-ethylhexyl)phthalate	21.57	149	5879	0.703	nq	# 93
84) Di-n-octyl phthalate	22.48	149	9903	0.705	nq	# 59
85) Indeno(1,2,3-cd)pyrene	26.51	276	12188	0.917	nq	97
87) Benzo(b)fluoranthene	23.36	252	11239	0.965	nq	# 93
88) Benzo(k)fluoranthene	23.40	252	12537	1.062	nq	# 78
89) Benzo(a)pyrene	23.97	252	11572	1.034	nq	97
90) Dibenzo(a,h)anthracene	26.51	278	10123	0.873	nq	98
91) Benzo(q,h,i)perylene	27.28	276	10559	0.962	nq	# 89

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

