

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104244.D
 Acq On : 4 Apr 2018 23:39
 Operator : JU/SJ
 Sample : J2170-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-124-2(55-57)MSD

Quant Time: Apr 05 01:03:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	109746	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	463772	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	200176	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	310822	20.00	ng	0.00
75) Chrysene-d12	14.14	240	208491	20.00	ng	0.00
86) Perylene-d12	15.67	264	218155	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	701481	101.93	ng	0.00
7) Phenol-d6	6.60	99	861429	101.74	ng	0.00
23) Nitrobenzene-d5	7.52	82	541430	71.40	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	208590	93.58	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1008723	79.46	ng	0.00
78) Terphenyl-d14	13.07	244	702081	77.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	79659	26.839	ng	86
3) Pyridine	3.66	79	157891	21.013	ng	# 78
4) n-Nitrosodimethylamine	3.66	42	21230	9.506	ng	# 66
6) Aniline	6.63	93	209756	20.695	ng	# 75
8) 2-Chlorophenol	6.75	128	281159	37.245	ng	95
9) Benzaldehyde	6.54	77	44157	7.633	ng	99
10) Phenol	6.61	94	353003	37.630	ng	94
11) bis(2-Chloroethyl)ether	6.69	93	295031	36.497	ng	89
12) 1,3-Dichlorobenzene	6.89	146	267839	31.564	ng	98
13) 1,4-Dichlorobenzene	6.97	146	317132	34.879	ng	98
14) 1,2-Dichlorobenzene	7.12	146	288858	35.345	ng	97
15) Benzyl Alcohol	7.10	79	167254	30.383	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	318000	36.108	ng	# 49
17) 2-Methylphenol	7.21	107	201564	32.807	ng	# 77
18) Hexachloroethane	7.45	117	93808	30.815	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	189872	37.789	ng	92
20) 3+4-Methylphenols	7.37	107	297169	37.898	ng	# 55
22) Acetophenone	7.36	105	391766	34.914	ng	99
24) Nitrobenzene	7.54	77	238025	29.831	ng	99
25) Isophorone	7.76	82	532661	38.114	ng	99
26) 2-Nitrophenol	7.86	139	135043	32.423	ng	89
27) 2,4-Dimethylphenol	7.89	122	222141	36.982	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	321458	36.699	ng	99
29) 2,4-Dichlorophenol	8.10	162	218684	34.855	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	239232	33.606	ng	98
31) Naphthalene	8.25	128	821669	36.266	ng	99
32) Benzoic acid	8.00	122	34328	7.801	ng	# 62
33) 4-Chloroaniline	8.33	127	146047	15.290	ng	96
34) Hexachlorobutadiene	8.36	225	128110	33.071	ng	99
35) Caprolactam	8.67	113	60974	30.649	ng	# 75
36) 4-Chloro-3-methylphenol	8.80	107	234024	35.264	ng	97
37) 2-Methylnaphthalene	8.95	142	502181	33.649	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	229004	37.306	ng	# 98
40) Hexachlorocyclopentadiene	9.09	237	34803	16.621	ng	98

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42) 2,4,6-Trichlorophenol	9.23	196	131846	33.920	ng	96
43) 2,4,5-Trichlorophenol	9.28	196	155497	33.132	ng	94
45) 1,1'-Biphenyl	9.41	154	629004	36.611	ng	98
46) 2-Chloronaphthalene	9.44	162	482933	35.635	ng	98
47) 2-Nitroaniline	9.55	65	132999	34.417	ng	95
48) Acenaphthylene	9.85	152	703032	34.242	ng	99
49) Dimethylphthalate	9.70	163	644189	40.760	ng	100
50) 2,6-Dinitrotoluene	9.78	165	119814	35.237	ng	89
51) Acenaphthene	10.02	154	420060	35.367	ng	98
52) 3-Nitroaniline	9.97	138	93872	24.016	ng	91
53) 2,4-Dinitrophenol	10.14	184	10500	12.153	ng	# 1
54) Dibenzofuran	10.20	168	602733	34.751	ng	98
55) 4-Nitrophenol	10.15	139	80087	34.172	ng	90
56) 2,4-Dinitrotoluene	10.19	165	141878	32.700	ng	# 93
57) Fluorene	10.54	166	474120	33.139	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	119981	34.122	ng	# 83
59) Diethylphthalate	10.40	149	534570	35.307	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	235516	35.841	ng	94
61) 4-Nitroaniline	10.60	138	95860	26.210	ng	91
62) Azobenzene	10.69	77	453244	33.106	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	15599	8.291	ng	84
65) n-Nitrosodiphenylamine	10.65	169	422159	40.104	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	134982	40.592	ng	# 88
67) Hexachlorobenzene	11.09	284	134890	35.264	ng	92
68) Atrazine	11.17	200	125092	38.790	ng	99
69) Pentachlorophenol	11.29	266	103536	49.188	ng	99
70) Phenanthrene	11.51	178	562933	33.452	ng	98
71) Anthracene	11.56	178	664984	37.831	ng	99
72) Carbazole	11.73	167	553342	32.983	ng	99
73) Di-n-butylphthalate	12.03	149	737160	36.889	ng	99
74) Fluoranthene	12.70	202	535971	29.963	ng	98
76) Benzidine	12.84	184	292982	49.311	ng	99
77) Pyrene	12.94	202	509888	34.021	ng	98
79) Butylbenzylphthalate	13.53	149	240900	34.117	ng	95
80) Benzo(a)anthracene	14.13	228	421649	32.321	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	163146	37.781	ng	98
82) Chrysene	14.17	228	474938	37.170	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	330118	36.184	ng	99
84) Di-n-octyl phthalate	14.70	149	551284	35.128	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.27	276	438582	33.123	ng	97
87) Benzo(b)fluoranthene	15.22	252	402096	30.286	ng	98
88) Benzo(k)fluoranthene	15.25	252	491793	39.322	ng	98
89) Benzo(a)pyrene	15.61	252	432757	35.174	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	374208	32.897	ng	98
91) Benzo(g,h,i)perylene	17.75	276	329442	28.914	ng	95

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

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