

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102469.D
 Acq On : 26 Jan 2018 15:33
 Operator : SJ/JU
 Sample : J1257-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11(0-5)MSD

Manual Integrations
 APPROVED

Sohil
 1/27/2018 1:46:48 PM

Quant Time: Jan 26 16:56:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174083	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	671644	20.00	ng	0.01
38) Acenaphthene-d10	9.76	164	260713	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	310353	20.00	ng	0.02
75) Chrysene-d12	13.94	240	128053	20.00	ng	0.06
86) Perylene-d12	15.40	264	143302	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1277293	111.25	ng	0.02
7) Phenol-d6	6.38	99	1494227	107.95	ng	0.02
23) Nitrobenzene-d5	7.30	82	915807	78.36	ng	0.01
41) 2,4,6-Tribromophenol	10.56	330	199300	77.15	ng	0.02
44) 2-Fluorobiphenyl	9.09	172	1382851	77.99	ng	0.00
78) Terphenyl-d14	12.86	244	676602	119.12	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	191611	35.126	ng	96
3) Pyridine	3.10	79	572293	40.145	ng	98
4) n-Nitrosodimethylamine	3.06	42	289625	51.823	ng	97
6) Aniline	6.42	93	491782	26.862	ng	97
8) 2-Chlorophenol	6.52	128	521197	43.306	ng	99
9) Benzaldehyde	6.27	77	277442	34.477	ng	# 87
10) Phenol	6.40	94	684084	45.270	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	520000	45.245	ng	99
12) 1,3-Dichlorobenzene	6.66	146	551116	38.503	ng	99
13) 1,4-Dichlorobenzene	6.74	146	554648	38.684	ng	99
14) 1,2-Dichlorobenzene	6.89	146	506425	38.614	ng	99
15) Benzyl Alcohol	6.88	79	388251	39.755	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	760287	39.442	ng	60
17) 2-Methylphenol	7.00	107	411512	39.370	ng	# 89
18) Hexachloroethane	7.23	117	143625	28.746	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	358898	42.370	ng	99
20) 3+4-Methylphenols	7.15	107	525006	42.707	ng	95
22) Acetophenone	7.14	105	731341	45.678	ng	98
24) Nitrobenzene	7.32	77	499922	41.797	ng	97
25) Isophorone	7.55	82	951697	45.676	ng	99
26) 2-Nitrophenol	7.63	139	71779	11.403	ng	93
27) 2,4-Dimethylphenol	7.67	122	449551	49.181	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	618141	48.026	ng	97
29) 2,4-Dichlorophenol	7.87	162	417108	44.798	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	389421	39.017	ng	99
31) Naphthalene	8.03	128	1547518	46.148	ng	99
32) Benzoic acid	7.77	122	18029	2.354	ng	# 58
33) 4-Chloroaniline	8.09	127	387415	27.473	ng	99
34) Hexachlorobutadiene	8.14	225	202571	38.000	ng	98
35) Caprolactam	8.47	113	122766	39.923	ng	# 89
36) 4-Chloro-3-methylphenol	8.58	107	401654	40.925	ng	98
37) 2-Methylnaphthalene	8.72	142	965404	43.228	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	335270	42.743	ng	99
42) 2,4,6-Trichlorophenol	9.01	196	219553	41.813	ng	98

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43) 2,4,5-Trichlorophenol	9.06	196	224564	37.984	nq	98
45) 1,1'-Biphenyl	9.19	154	999109	42.858	nq	99
46) 2-Chloronaphthalene	9.21	162	736681	40.655	nq	99
47) 2-Nitroaniline	9.32	65	280510	49.655	nq	95
48) Acenaphthylene	9.63	152	1200166	42.514	nq	99
49) Dimethylphthalate	9.49	163	1113231	51.659	nq	100
50) 2,6-Dinitrotoluene	9.56	165	104632	22.520	nq	87
51) Acenaphthene	9.80	154	743434	45.092	nq	99
52) 3-Nitroaniline	9.73	138	243225	44.253	nq	97
53) 2,4-Dinitrophenol	9.84	184	106	3.744	nq #	1
54) Dibenzofuran	9.97	168	1062587	47.621	nq	97
55) 4-Nitrophenol	9.91	139	202946	55.938	nq	95
56) 2,4-Dinitrotoluene	9.96	165	95284	16.677	nq #	77
57) Fluorene	10.32	166	870011	49.206	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	144199	34.161	nq #	97
59) Diethylphthalate	10.19	149	805305	38.456	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	291388	38.012	nq	97
61) 4-Nitroaniline	10.35	138	233180	42.516	nq	93
62) Azobenzene	10.46	77	718468	37.474	nq	95
65) n-Nitrosodiphenylamine	10.43	169	619130	54.352	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	168232	50.355	nq	99
67) Hexachlorobenzene	10.87	284	153021	40.954	nq	96
68) Atrazine	10.97	200	162437	48.282	nq	93
69) Pentachlorophenol	11.07	266	125823	64.103	nq	99
70) Phenanthrene	11.29	178	2325022	128.561	nq	99
71) Anthracene	11.34	178	1368231	74.122	nq	99
72) Carbazole	11.49	167	849062	47.148	nq	96
73) Di-n-butylphthalate	11.82	149	894203	39.725	nq	99
74) Fluoranthene	12.50	202	2682048	145.429	nq	98
77) Pyrene	12.73	202	2284352	230.729	nq	97
79) Butylbenzylphthalate	13.33	149	260199	52.810	nq	96
80) Benzo(a)anthracene	13.93	228	1324671	168.024	nq	95
81) 3,3'-Dichlorobenzidine	13.89	252	55440	19.170	nq #	87
82) Chrysene	13.97	228	965913	120.649	nq	97
83) Bis(2-ethylhexyl)phthalate	13.90	149	431187	65.120	nq #	97
84) Di-n-octyl phthalate	14.51	149	503446	46.753	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.84	276	968197	146.434	nq	94
87) Benzo(b)fluoranthene	14.99	252	1467886m	158.039	nq	
88) Benzo(k)fluoranthene	15.01	252	382152m	43.549	nq	
89) Benzo(a)pyrene	15.35	252	1010127m	120.585	nq	
90) Dibenzo(a,h)anthracene	16.84	278	474570	69.937	nq #	92
91) Benzo(g,h,i)perylene	17.27	276	875390	130.653	nq	96

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

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