

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134185.D
 Acq On : 10 Jul 2023 14:26
 Operator : CG\JU
 Sample : PB154009BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154009BS

Quant Time: Jul 10 15:56:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	137561	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	551534	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	284713	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	565188	20.000	ng	0.00
76) Chrysene-d12	14.045	240	305508	20.000	ng	0.00
86) Perylene-d12	15.545	264	279741	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	932229	113.361	ng	0.00
7) Phenol-d6	6.487	99	1148564	113.569	ng	0.00
23) Nitrobenzene-d5	7.416	82	758241	74.108	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	394436	110.495	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1443074	73.691	ng	0.00
79) Terphenyl-d14	12.980	244	1735662	91.435	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.722	88	123252	36.349	ng 97
3) Pyridine	3.493	79	246451	27.904	ng 97
4) n-Nitrosodimethylamine	3.457	42	188112	37.291	ng 96
6) Aniline	6.510	93	290585	23.612	ng 91
8) 2-Chlorophenol	6.634	128	375869	45.025	ng 95
9) Benzaldehyde	6.398	77	28502	3.221	ng 96
10) Phenol	6.498	94	451726	42.482	ng 97
11) bis(2-Chloroethyl)ether	6.587	93	339230	43.332	ng 96
12) 1,3-Dichlorobenzene	6.787	146	395684	44.460	ng 97
13) 1,4-Dichlorobenzene	6.863	146	405785	45.141	ng 99
14) 1,2-Dichlorobenzene	7.016	146	356741	42.374	ng 98
15) Benzyl Alcohol	6.992	79	308408	39.557	ng 100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	551364	39.811	ng 97
17) 2-Methylphenol	7.104	107	301111	40.280	ng 98
18) Hexachloroethane	7.351	117	153523	46.060	ng 94
19) n-Nitroso-di-n-propyla...	7.263	70	254951	39.752	ng 99
20) 3+4-Methylphenols	7.257	107	368703	40.656	ng 96
22) Acetophenone	7.257	105	510326	40.685	ng 99
24) Nitrobenzene	7.434	77	403006	38.978	ng 99
25) Isophorone	7.669	82	753800	40.538	ng 99
26) 2-Nitrophenol	7.745	139	213772	43.100	ng 99
27) 2,4-Dimethylphenol	7.781	122	340613	43.384	ng 99
28) bis(2-Chloroethoxy)met...	7.875	93	435857	40.480	ng 98
29) 2,4-Dichlorophenol	7.986	162	324503	41.682	ng 97
30) 1,2,4-Trichlorobenzene	8.069	180	338371	42.122	ng 99
31) Naphthalene	8.151	128	1068013	40.089	ng 100
32) Benzoic acid	7.916	122	252032	42.840	ng 99
33) 4-Chloroaniline	8.198	127	104022	9.128	ng 98
34) Hexachlorobutadiene	8.263	225	210777	41.595	ng 99
35) Caprolactam	8.581	113	108840m	42.459	ng
36) 4-Chloro-3-methylphenol	8.686	107	368386	42.121	ng 99
37) 2-Methylnaphthalene	8.839	142	733336	38.926	ng 99
38) 1-Methylnaphthalene	8.939	142	666658	38.065	ng 99
40) 1,2,4,5-Tetrachloroben...	9.010	216	346981	41.135	ng 99
41) Hexachlorocyclopentadiene	8.992	237	326802	81.665	ng 98
43) 2,4,6-Trichlorophenol	9.122	196	230574	40.155	ng 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	248936	36.856	ng	97
46) 1,1'-Biphenyl	9.310	154	928495	40.655	ng	97
47) 2-Chloronaphthalene	9.333	162	692710	41.454	ng	98
48) 2-Nitroaniline	9.433	65	225299	36.995	ng	94
49) Acenaphthylene	9.751	152	1111941	38.954	ng	99
50) Dimethylphthalate	9.610	163	811701	39.274	ng	100
51) 2,6-Dinitrotoluene	9.675	165	185619	41.699	ng	90
52) Acenaphthene	9.922	154	658477	39.755	ng	99
53) 3-Nitroaniline	9.845	138	123401	23.108	ng	97
54) 2,4-Dinitrophenol	9.963	184	204652	79.627	ng	89
55) Dibenzofuran	10.092	168	957241	36.979	ng	97
56) 4-Nitrophenol	10.016	139	282505	75.629	ng	97
57) 2,4-Dinitrotoluene	10.086	165	230302	39.176	ng	93
58) Fluorene	10.439	166	799035	39.676	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	224456	42.129	ng	98
60) Diethylphthalate	10.316	149	874637	40.620	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	386679	39.842	ng	97
62) 4-Nitroaniline	10.469	138	208124	38.672	ng	96
63) Azobenzene	10.592	77	810483	39.792	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	145306	47.156	ng	97
66) n-Nitrosodiphenylamine	10.551	169	741691	41.073	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	246737	41.073	ng	96
68) Hexachlorobenzene	10.986	284	280871	44.035	ng	98
69) Atrazine	11.080	200	203971	40.835	ng	98
70) Pentachlorophenol	11.186	266	277191	72.683	ng	98
71) Phenanthrene	11.410	178	1098779	38.618	ng	98
72) Anthracene	11.457	178	1176607	39.758	ng	99
73) Carbazole	11.616	167	1128146	41.648	ng	99
74) Di-n-butylphthalate	11.945	149	1386903	43.055	ng	99
75) Fluoranthene	12.604	202	1265537	41.143	ng	99
77) Benzidine	12.727	184	146498	20.153	ng	97
78) Pyrene	12.833	202	1258381	44.260	ng	100
80) Butylbenzylphthalate	13.457	149	479563	44.974	ng	98
81) Benzo(a)anthracene	14.033	228	884431	41.743	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	203110	30.258	ng #	98
83) Chrysene	14.068	228	846139	41.232	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	606213	49.476	ng	99
85) Di-n-octyl phthalate	14.639	149	888425	49.347	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	961315	49.524	ng	99
88) Benzo(b)fluoranthene	15.104	252	670321	40.751	ng	99
89) Benzo(k)fluoranthene	15.133	252	689236	41.154	ng	98
90) Benzo(a)pyrene	15.486	252	672352	42.270	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	799212	50.408	ng	98
92) Benzo(g,h,i)perylene	17.574	276	810395	49.565	ng	98

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

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