

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137864.D
 Acq On : 09 May 2024 15:14
 Operator : CG\JU
 Sample : PB160815BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160815BSD

Quant Time: May 09 15:52:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	199488	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	811098	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	451590	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	763548	20.000	ng	0.00
76) Chrysene-d12	14.251	240	453800	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	374442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1446420	121.397	ng	0.02
7) Phenol-d6	6.675	99	1813318	119.986	ng	0.00
23) Nitrobenzene-d5	7.622	82	1156820	82.862	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	613379	133.030	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2396308	86.089	ng	0.00
79) Terphenyl-d14	13.186	244	2609698	96.375	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	173247	32.290	ng	97
3) Pyridine	3.816	79	444001	34.192	ng	97
4) n-Nitrosodimethylamine	3.787	42	229407	39.232	ng	92
6) Aniline	6.716	93	463332m	30.932	ng	
8) 2-Chlorophenol	6.840	128	609288	46.924	ng	97
9) Benzaldehyde	6.610	77	567739	69.759	ng	100
10) Phenol	6.687	94	666899	43.066	ng	97
11) bis(2-Chloroethyl)ether	6.787	93	535532	44.166	ng	97
12) 1,3-Dichlorobenzene	6.992	146	613876	41.925	ng	99
13) 1,4-Dichlorobenzene	7.069	146	620185	42.212	ng	99
14) 1,2-Dichlorobenzene	7.222	146	608573	43.978	ng	99
15) Benzyl Alcohol	7.192	79	496730	47.529	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.316	45	692321	40.621	ng	96
17) 2-Methylphenol	7.292	107	481500	45.956	ng	99
18) Hexachloroethane	7.563	117	220940	44.483	ng	96
19) n-Nitroso-di-n-propyla...	7.463	70	401316	44.435	ng	96
20) 3+4-Methylphenols	7.445	107	613126	44.480	ng	# 89
22) Acetophenone	7.463	105	801958	43.962	ng	98
24) Nitrobenzene	7.639	77	599412	41.658	ng	95
25) Isophorone	7.869	82	1134720	45.080	ng	100
26) 2-Nitrophenol	7.951	139	334433	51.326	ng	95
27) 2,4-Dimethylphenol	7.975	122	450229	47.996	ng	94
28) bis(2-Chloroethoxy)met...	8.075	93	681339	44.706	ng	100
29) 2,4-Dichlorophenol	8.187	162	525710	46.366	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	548004	44.336	ng	98
31) Naphthalene	8.363	128	1736588	43.083	ng	99
32) Benzoic acid	8.110	122	405011	50.047	ng	95
33) 4-Chloroaniline	8.398	127	233266	15.606	ng	99
34) Hexachlorobutadiene	8.469	225	338973	44.668	ng	99
35) Caprolactam	8.786	113	163918m	45.628	ng	
36) 4-Chloro-3-methylphenol	8.881	107	544435	46.045	ng	95
37) 2-Methylnaphthalene	9.051	142	1171884	44.914	ng	100
38) 1-Methylnaphthalene	9.151	142	1084270	42.239	ng	98
40) 1,2,4,5-Tetrachloroben...	9.216	216	556285	46.510	ng	99
41) Hexachlorocyclopentadiene	9.204	237	632966	130.290	ng	100
43) 2,4,6-Trichlorophenol	9.328	196	398320	48.924	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	407201	45.295	ng	98
46) 1,1'-Biphenyl	9.516	154	1439356	46.443	ng	99
47) 2-Chloronaphthalene	9.545	162	1113245	44.492	ng	98
48) 2-Nitroaniline	9.639	65	305156	44.969	ng	95
49) Acenaphthylene	9.969	152	1747505	48.280	ng	100
50) Dimethylphthalate	9.816	163	1349178	47.326	ng	100
51) 2,6-Dinitrotoluene	9.881	165	301303	46.247	ng	95
52) Acenaphthene	10.139	154	1175544	48.998	ng	98
53) 3-Nitroaniline	10.051	138	209374	30.688	ng	99
54) 2,4-Dinitrophenol	10.157	184	329203	102.836	ng	# 87
55) Dibenzofuran	10.310	168	1576191	45.146	ng	98
56) 4-Nitrophenol	10.210	139	454386	80.356	ng	97
57) 2,4-Dinitrotoluene	10.286	165	405561	47.649	ng	98
58) Fluorene	10.657	166	1226576	44.144	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.422	232	346950	47.537	ng	100
60) Diethylphthalate	10.516	149	1258176	46.469	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	618342	45.164	ng	95
62) 4-Nitroaniline	10.675	138	280473	40.529	ng	94
63) Azobenzene	10.804	77	1154673	44.124	ng	97
65) 4,6-Dinitro-2-methylph...	10.698	198	224465	51.218	ng	86
66) n-Nitrosodiphenylamine	10.763	169	1081966	47.339	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	388551	47.549	ng	96
68) Hexachlorobenzene	11.204	284	413928	46.352	ng	# 92
69) Atrazine	11.286	200	365781	52.487	ng	99
70) Pentachlorophenol	11.398	266	503162	82.071	ng	97
71) Phenanthrene	11.622	178	1683120	45.225	ng	100
72) Anthracene	11.675	178	1704782	46.038	ng	100
73) Carbazole	11.827	167	1515077	42.454	ng	100
74) Di-n-butylphthalate	12.145	149	1898371	48.764	ng	99
75) Fluoranthene	12.816	202	1708338	41.993	ng	100
77) Benzidine	12.927	184	215374	20.521	ng	99
78) Pyrene	13.051	202	1730650	48.099	ng	99
80) Butylbenzylphthalate	13.651	149	691599	60.581	ng	99
81) Benzo(a)anthracene	14.239	228	1378004	47.477	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	301204	34.665	ng	# 99
83) Chrysene	14.274	228	1282522	47.192	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	948971	65.958	ng	100
85) Di-n-octyl phthalate	14.833	149	1350722	69.758	ng	98
87) Indeno(1,2,3-cd)pyrene	17.456	276	1095188	51.446	ng	99
88) Benzo(b)fluoranthene	15.345	252	1126900	48.372	ng	100
89) Benzo(k)fluoranthene	15.380	252	1036541	46.033	ng	99
90) Benzo(a)pyrene	15.751	252	955528	50.275	ng	99
91) Dibenzo(a,h)anthracene	17.480	278	907598	52.378	ng	100
92) Benzo(g,h,i)perylene	17.962	276	835148	45.975	ng	97

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

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