

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137530.D
 Acq On : 07 Mar 2024 15:13
 Operator : CG\JU
 Sample : PB159489BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159489BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 07 15:41:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	239063	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	976541	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	551849	20.000	ng	0.01
64) Phenanthrene-d10	11.398	188	991789	20.000	ng	0.01
76) Chrysene-d12	14.063	240	529272	20.000	ng	0.01
86) Perylene-d12	15.598	264	474837	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1994820	126.378	ng	0.03
7) Phenol-d6	6.522	99	2752211	120.793	ng	0.02
23) Nitrobenzene-d5	7.434	82	1761609	83.818	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	741799	153.069	ng	0.01
45) 2-Fluorobiphenyl	9.228	172	2807219	79.629	ng	0.01
79) Terphenyl-d14	13.004	244	3365356	87.436	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	315065	36.505	ng	99
3) Pyridine	3.587	79	721451	34.660	ng	99
4) n-Nitrosodimethylamine	3.569	42	379388	45.233	ng	98
6) Aniline	6.545	93	690399	24.798	ng	98
8) 2-Chlorophenol	6.657	128	799486	48.021	ng	94
9) Benzaldehyde	6.428	77	624126	55.913	ng	100
10) Phenol	6.534	94	1062149	43.311	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	850871	47.347	ng	99
12) 1,3-Dichlorobenzene	6.810	146	811712	45.627	ng	99
13) 1,4-Dichlorobenzene	6.887	146	832392	45.730	ng	97
14) 1,2-Dichlorobenzene	7.034	146	787713	47.148	ng	99
15) Benzyl Alcohol	7.022	79	753469	53.119	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1314851	42.565	ng	88
17) 2-Methylphenol	7.128	107	681774	43.763	ng	98
18) Hexachloroethane	7.375	117	283806	47.353	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	604673	42.977	ng	98
20) 3+4-Methylphenols	7.281	107	750552	42.067	ng	96
22) Acetophenone	7.281	105	1057379	44.752	ng	# 95
24) Nitrobenzene	7.451	77	932956	44.189	ng	99
25) Isophorone	7.686	82	1805155	45.209	ng	99
26) 2-Nitrophenol	7.763	139	425269	50.736	ng	100
27) 2,4-Dimethylphenol	7.804	122	616661	39.373	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	1058784	45.194	ng	99
29) 2,4-Dichlorophenol	8.010	162	685654	47.700	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	692837	45.802	ng	100
31) Naphthalene	8.169	128	2237661	42.708	ng	99
32) Benzoic acid	7.963	122	457483	50.364	ng	97
33) 4-Chloroaniline	8.222	127	294184	14.319	ng	98
34) Hexachlorobutadiene	8.281	225	401499	44.958	ng	99
35) Caprolactam	8.604	113	235059m	48.226	ng	
36) 4-Chloro-3-methylphenol	8.710	107	761263	47.379	ng	100
37) 2-Methylnaphthalene	8.857	142	1401207	41.951	ng	99
38) 1-Methylnaphthalene	8.957	142	1326359	42.167	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	687503	44.625	ng	99
41) Hexachlorocyclopentadiene	9.010	237	609439	95.189	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	482327	48.076	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	497981	43.089	ng	95
46) 1,1'-Biphenyl	9.328	154	1745842	43.224	ng	99
47) 2-Chloronaphthalene	9.351	162	1403730	45.584	ng	98
48) 2-Nitroaniline	9.457	65	516081	49.307	ng	97
49) Acenaphthylene	9.769	152	2159358	43.817	ng	99
50) Dimethylphthalate	9.639	163	1727587	44.972	ng	100
51) 2,6-Dinitrotoluene	9.698	165	387099	48.177	ng	99
52) Acenaphthene	9.939	154	1238450	42.093	ng	99
53) 3-Nitroaniline	9.869	138	265936	31.291	ng	97
54) 2,4-Dinitrophenol	9.980	184	420711	104.539	ng	97
55) Dibenzofuran	10.116	168	1860286	41.514	ng	98
56) 4-Nitrophenol	10.045	139	566810	92.964	ng	97
57) 2,4-Dinitrotoluene	10.110	165	466752	47.283	ng	93
58) Fluorene	10.463	166	1435436	41.711	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	441284	47.615	ng	94
60) Diethylphthalate	10.345	149	1619607	44.646	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	703924	41.736	ng	97
62) 4-Nitroaniline	10.498	138	359296	49.188	ng	95
63) Azobenzene	10.616	77	1833773	43.900	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	295408	53.441	ng	95
66) n-Nitrosodiphenylamine	10.580	169	1356792	42.483	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	480911	44.519	ng	98
68) Hexachlorobenzene	11.010	284	515856	47.280	ng	# 90
69) Atrazine	11.110	200	410320	42.263	ng	96
70) Pentachlorophenol	11.210	266	588550	89.233	ng	99
71) Phenanthrene	11.427	178	2245381	41.600	ng	98
72) Anthracene	11.480	178	2291286	41.332	ng	99
73) Carbazole	11.639	167	2050643	43.186	ng	100
74) Di-n-butylphthalate	11.974	149	2497780	44.212	ng	98
75) Fluoranthene	12.621	202	2278268	43.182	ng	99
77) Benzidine	12.751	184	287275	22.179	ng	98
78) Pyrene	12.857	202	2301760	44.321	ng	100
80) Butylbenzylphthalate	13.486	149	813008	61.299	ng	99
81) Benzo(a)anthracene	14.051	228	1632039	43.995	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	401234	40.616	ng	99
83) Chrysene	14.092	228	1642686	43.813	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	963011	57.126	ng	99
85) Di-n-octyl phthalate	14.680	149	1623830	49.749	ng	99
87) Indeno(1,2,3-cd)pyrene	17.204	276	1570905	50.273	ng	98
88) Benzo(b)fluoranthene	15.139	252	1419837	50.549	ng	99
89) Benzo(k)fluoranthene	15.174	252	1362780	45.171	ng	99
90) Benzo(a)pyrene	15.533	252	1274686	46.051	ng	99
91) Dibenzo(a,h)anthracene	17.233	278	1263485	49.845	ng	98
92) Benzo(g,h,i)perylene	17.692	276	1269916	48.782	ng	98

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

