

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137555.D
 Acq On : 11 Mar 2024 14:11
 Operator : CG\JU
 Sample : PB159519BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159519BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/12/2024
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 02:02:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	234068	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	951754	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	519883	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	944705	20.000	ng	0.00
76) Chrysene-d12	14.098	240	501907	20.000	ng	0.00
86) Perylene-d12	15.651	264	458087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.586	112	1870506	121.031	ng	0.02
7) Phenol-d6	6.557	99	2568613	115.141	ng	0.00
23) Nitrobenzene-d5	7.469	82	1650413	80.572	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	655235	143.520	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2622657	78.968	ng	0.00
79) Terphenyl-d14	13.039	244	3044484	83.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.910	88	297997	35.264	ng	99
3) Pyridine	3.675	79	688910	33.803	ng	99
4) n-Nitrosodimethylamine	3.657	42	343909	42.160	ng	99
6) Aniline	6.581	93	611577	22.436	ng	97
8) 2-Chlorophenol	6.698	128	754094	46.261	ng	99
10) Phenol	6.569	94	1002610	41.756	ng	97
11) bis(2-Chloroethyl)ether	6.651	93	756837	43.013	ng	99
12) 1,3-Dichlorobenzene	6.845	146	772714	44.362	ng	98
13) 1,4-Dichlorobenzene	6.922	146	794306	44.569	ng	98
14) 1,2-Dichlorobenzene	7.069	146	751098	45.916	ng	98
15) Benzyl Alcohol	7.051	79	693639	49.944	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1235155	40.838	ng	93
17) 2-Methylphenol	7.163	107	636831	41.751	ng	98
18) Hexachloroethane	7.410	117	273532	46.612	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	556890	40.425	ng	99
20) 3+4-Methylphenols	7.316	107	714968	40.927	ng	92
22) Acetophenone	7.316	105	1009581	43.841	ng	97
24) Nitrobenzene	7.486	77	869097	42.237	ng	97
25) Isophorone	7.722	82	1670745	42.933	ng	99
26) 2-Nitrophenol	7.798	139	396293	48.510	ng	97
27) 2,4-Dimethylphenol	7.839	122	581440	38.091	ng	98
28) bis(2-Chloroethoxy)met...	7.933	93	993609	43.517	ng	99
29) 2,4-Dichlorophenol	8.039	162	635562	45.366	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	655839	44.485	ng	100
31) Naphthalene	8.198	128	2144026	41.986	ng	100
32) Benzoic acid	7.986	122	409461	46.766	ng	98
33) 4-Chloroaniline	8.251	127	282971	14.132	ng	100
34) Hexachlorobutadiene	8.310	225	383040	44.008	ng	100
35) Caprolactam	8.633	113	226692m	47.720	ng	
36) 4-Chloro-3-methylphenol	8.745	107	703276	44.910	ng	99
37) 2-Methylnaphthalene	8.892	142	1322474	40.624	ng	98
38) 1-Methylnaphthalene	8.992	142	1256206	40.976	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	650644	44.829	ng	99
41) Hexachlorocyclopentadiene	9.039	237	586185	97.013	ng	99
43) 2,4,6-Trichlorophenol	9.174	196	437593	46.299	ng	98
44) 2,4,5-Trichlorophenol	9.227	196	465963	42.797	ng	97

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46) 1,1'-Biphenyl	9.357	154	1655076	43.496	ng	99
47) 2-Chloronaphthalene	9.380	162	1307838	45.081	ng	98
48) 2-Nitroaniline	9.486	65	462014	46.855	ng	98
49) Acenaphthylene	9.798	152	2058831	44.346	ng	100
50) Dimethylphthalate	9.669	163	1598631	44.173	ng	99
51) 2,6-Dinitrotoluene	9.733	165	355778	47.002	ng	88
52) Acenaphthene	9.974	154	1163561	41.980	ng	99
53) 3-Nitroaniline	9.898	138	226528	28.293	ng	98
54) 2,4-Dinitrophenol	10.010	184	369146	97.931	ng	94
55) Dibenzofuran	10.145	168	1748012	41.407	ng	99
56) 4-Nitrophenol	10.074	139	528720	92.093	ng	96
57) 2,4-Dinitrotoluene	10.139	165	427026	45.918	ng	91
58) Fluorene	10.492	166	1322805	40.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	407072	46.624	ng	94
60) Diethylphthalate	10.374	149	1494552	43.732	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	651398	40.996	ng	93
62) 4-Nitroaniline	10.527	138	329986	47.953	ng	95
63) Azobenzene	10.645	77	1678985	42.665	ng	98
65) 4,6-Dinitro-2-methylph...	10.551	198	259249	49.237	ng	86
66) n-Nitrosodiphenylamine	10.610	169	1243572	40.879	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	441545	42.912	ng	97
68) Hexachlorobenzene	11.039	284	487480	46.907	ng	94
69) Atrazine	11.145	200	377263	40.795	ng	98
70) Pentachlorophenol	11.239	266	532247	84.719	ng	100
71) Phenanthrene	11.463	178	2094372	40.736	ng	99
72) Anthracene	11.516	178	2155520	40.821	ng	99
73) Carbazole	11.674	167	1923255	42.522	ng	99
74) Di-n-butylphthalate	12.010	149	2317968	43.074	ng	99
75) Fluoranthene	12.657	202	2109273	41.972	ng	98
77) Benzidine	12.786	184	285620	23.254	ng	97
78) Pyrene	12.886	202	2150265	43.662	ng	99
80) Butylbenzylphthalate	13.521	149	733166	58.293	ng	97
81) Benzo(a)anthracene	14.086	228	1586777	45.107	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	345676	36.900	ng	99
83) Chrysene	14.127	228	1540223	43.320	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	858703	53.715	ng	99
85) Di-n-octyl phthalate	14.715	149	1466282	47.639	ng	97
87) Indeno(1,2,3-cd)pyrene	17.292	276	1431063	47.472	ng	99
88) Benzo(b)fluoranthene	15.186	252	1374107	50.709	ng	99
89) Benzo(k)fluoranthene	15.221	252	1225757	42.114	ng	99
90) Benzo(a)pyrene	15.586	252	1195251	44.760	ng	99
91) Dibenzo(a,h)anthracene	17.321	278	1158223	47.363	ng	98
92) Benzo(g,h,i)perylene	17.792	276	1156228	46.039	ng	99

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

