

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137643.D
 Acq On : 19 Mar 2024 12:42
 Operator : CG\JU
 Sample : PB159643BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159643BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/20/2024
 Supervised By :mohammad ahmed 03/21/2024

Quant Time: Mar 19 13:26:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	185994	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	710548	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	370315	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	639032	20.000	ng	0.00
76) Chrysene-d12	13.880	240	379612	20.000	ng	0.00
86) Perylene-d12	15.298	264	357746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1506818	122.699	ng	0.02
7) Phenol-d6	6.375	99	2013213	113.570	ng	0.00
23) Nitrobenzene-d5	7.298	82	1248974	81.673	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	462709	142.284	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2041632	86.302	ng	0.00
79) Terphenyl-d14	12.828	244	2156023	78.100	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.469	88	234844	34.974	ng	99
3) Pyridine	3.175	79	510015	31.493	ng	97
4) n-Nitrosodimethylamine	3.140	42	264554	40.936	ng	93
6) Aniline	6.393	93	434486	20.059	ng	# 59
8) 2-Chlorophenol	6.510	128	586692	45.295	ng	95
9) Benzaldehyde	6.275	77	269491	31.031	ng	99
10) Phenol	6.387	94	779763	40.869	ng	93
11) bis(2-Chloroethyl)ether	6.469	93	590859	42.260	ng	98
12) 1,3-Dichlorobenzene	6.669	146	618282	44.670	ng	96
13) 1,4-Dichlorobenzene	6.746	146	631435	44.588	ng	99
14) 1,2-Dichlorobenzene	6.893	146	592339	45.570	ng	99
15) Benzyl Alcohol	6.875	79	532168	48.222	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	923810	38.439	ng	94
17) 2-Methylphenol	6.993	107	483552	39.896	ng	97
18) Hexachloroethane	7.234	117	213820	45.855	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	428298	39.127	ng	98
20) 3+4-Methylphenols	7.146	107	554032	39.912	ng	94
22) Acetophenone	7.140	105	773571	44.996	ng	# 96
24) Nitrobenzene	7.316	77	653860	42.563	ng	97
25) Isophorone	7.551	82	1233984	42.474	ng	98
26) 2-Nitrophenol	7.628	139	296850	48.672	ng	98
27) 2,4-Dimethylphenol	7.669	122	430788	37.802	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	738031	43.296	ng	99
29) 2,4-Dichlorophenol	7.875	162	474127	45.332	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	507954	46.150	ng	100
31) Naphthalene	8.034	128	1634876	42.884	ng	99
32) Benzoic acid	7.822	122	279424	43.289	ng	98
33) 4-Chloroaniline	8.087	127	185254	12.392	ng	97
34) Hexachlorobutadiene	8.145	225	299504	46.092	ng	98
35) Caprolactam	8.463	113	151354m	42.677	ng	
36) 4-Chloro-3-methylphenol	8.575	107	519492	44.435	ng	98
37) 2-Methylnaphthalene	8.722	142	1002174	41.236	ng	100
38) 1-Methylnaphthalene	8.822	142	953344	41.654	ng	100
40) 1,2,4,5-Tetrachloroben...	8.887	216	499935	48.358	ng	99
41) Hexachlorocyclopentadiene	8.875	237	355856	83.898	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	319157	47.407	ng	98

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44) 2,4,5-Trichlorophenol	9.057	196	347096	44.756	ng	97
46) 1,1'-Biphenyl	9.187	154	1237570	45.660	ng	99
47) 2-Chloronaphthalene	9.210	162	980258	47.437	ng	99
48) 2-Nitroaniline	9.316	65	333083	47.423	ng	96
49) Acenaphthylene	9.628	152	1534606	46.405	ng	100
50) Dimethylphthalate	9.492	163	1166639	45.257	ng	99
51) 2,6-Dinitrotoluene	9.557	165	257507	47.759	ng	89
52) Acenaphthene	9.798	154	854100	43.261	ng	98
53) 3-Nitroaniline	9.728	138	154217	27.041	ng	88
54) 2,4-Dinitrophenol	9.834	184	246452	92.304	ng	96
55) Dibenzofuran	9.969	168	1299879	43.228	ng	99
56) 4-Nitrophenol	9.898	139	332776	81.901	ng	99
57) 2,4-Dinitrotoluene	9.963	165	319905	48.293	ng	97
58) Fluorene	10.310	166	1002532	43.412	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.087	232	285825	45.960	ng	96
60) Diethylphthalate	10.192	149	1078597	44.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	492243	43.492	ng	95
62) 4-Nitroaniline	10.345	138	216147	44.096	ng	91
63) Azobenzene	10.463	77	1178344	42.037	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	184632	51.839	ng	84
66) n-Nitrosodiphenylamine	10.428	169	901590	43.814	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	316235	45.435	ng	98
68) Hexachlorobenzene	10.857	284	340937	48.498	ng	# 90
69) Atrazine	10.957	200	260403	41.628	ng	99
70) Pentachlorophenol	11.051	266	362913	85.397	ng	98
71) Phenanthrene	11.269	178	1480555	42.572	ng	99
72) Anthracene	11.322	178	1522019	42.612	ng	99
73) Carbazole	11.481	167	1342946	43.894	ng	99
74) Di-n-butylphthalate	11.810	149	1629853	44.775	ng	99
75) Fluoranthene	12.457	202	1472051	43.303	ng	97
77) Benzidine	12.586	184	157245	16.926	ng	97
78) Pyrene	12.680	202	1480507	39.747	ng	99
80) Butylbenzylphthalate	13.304	149	561840	59.062	ng	99
81) Benzo(a)anthracene	13.869	228	1141929	42.919	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	281311	39.703	ng	99
83) Chrysene	13.904	228	1158023	43.063	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	713411	59.004	ng	99
85) Di-n-octyl phthalate	14.474	149	1187687	50.621	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1044013	44.347	ng	97
88) Benzo(b)fluoranthene	14.898	252	1052887	49.754	ng	98
89) Benzo(k)fluoranthene	14.921	252	986358	43.394	ng	99
90) Benzo(a)pyrene	15.245	252	931003	44.644	ng	99
91) Dibenzo(a,h)anthracene	16.710	278	853003	44.665	ng	97
92) Benzo(g,h,i)perylene	17.110	276	842924	42.978	ng	99

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

