

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137591.D
 Acq On : 14 Mar 2024 15:31
 Operator : CG\JU
 Sample : PB159568BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159568BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
 Supervised By :mohammad ahmed 03/16/2024

Quant Time: Mar 14 15:56:31 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	210990	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	809567	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	419555	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	694285	20.000	ng	0.00
76) Chrysene-d12	13.880	240	432380	20.000	ng	0.00
86) Perylene-d12	15.298	264	408577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1739768	124.885	ng	0.02
7) Phenol-d6	6.375	99	2344959	116.613	ng	0.00
23) Nitrobenzene-d5	7.298	82	1461863	83.902	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	501911	136.225	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2320613	86.582	ng	0.00
79) Terphenyl-d14	12.827	244	2352097	74.804	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	279543	36.699	ng	98
3) Pyridine	3.187	79	610847	33.251	ng	98
4) n-Nitrosodimethylamine	3.151	42	318992	43.272	ng	98
6) Aniline	6.392	93	457105	18.603	ng	# 70
8) 2-Chlorophenol	6.510	128	684323	46.573	ng	96
9) Benzaldehyde	6.275	77	245963	24.967	ng	98
10) Phenol	6.387	94	898692	41.522	ng	95
11) bis(2-Chloroethyl)ether	6.469	93	713167	44.965	ng	99
12) 1,3-Dichlorobenzene	6.669	146	716843	45.655	ng	96
13) 1,4-Dichlorobenzene	6.745	146	730333	45.462	ng	99
14) 1,2-Dichlorobenzene	6.892	146	684629	46.431	ng	99
15) Benzyl Alcohol	6.875	79	615471	49.163	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1118933	41.042	ng	95
17) 2-Methylphenol	6.992	107	566633	41.212	ng	96
18) Hexachloroethane	7.234	117	249287	47.127	ng	96
19) n-Nitroso-di-n-propyla...	7.151	70	499874	40.255	ng	99
20) 3+4-Methylphenols	7.145	107	637058	40.456	ng	92
22) Acetophenone	7.139	105	902443	46.072	ng	# 98
24) Nitrobenzene	7.316	77	771751	44.093	ng	95
25) Isophorone	7.551	82	1451127	43.838	ng	99
26) 2-Nitrophenol	7.628	139	341663	49.168	ng	98
27) 2,4-Dimethylphenol	7.669	122	504779	38.877	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	873210	44.960	ng	99
29) 2,4-Dichlorophenol	7.869	162	558655	46.881	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	586808	46.794	ng	99
31) Naphthalene	8.033	128	1915184	44.092	ng	100
32) Benzoic acid	7.822	122	325601	44.130	ng	93
33) 4-Chloroaniline	8.086	127	282643	16.595	ng	98
34) Hexachlorobutadiene	8.145	225	339428	45.847	ng	99
35) Caprolactam	8.463	113	172913m	42.793	ng	
36) 4-Chloro-3-methylphenol	8.575	107	586565	44.036	ng	99
37) 2-Methylnaphthalene	8.722	142	1161263	41.938	ng	99
38) 1-Methylnaphthalene	8.822	142	1104773	42.366	ng	98
40) 1,2,4,5-Tetrachloroben...	8.886	216	570909	48.742	ng	99
41) Hexachlorocyclopentadiene	8.875	237	440233	90.853	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	362296	47.499	ng	98

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44) 2,4,5-Trichlorophenol	9.057	196	397683	45.261	ng	96
46) 1,1'-Biphenyl	9.186	154	1408408	45.865	ng	99
47) 2-Chloronaphthalene	9.210	162	1113154	47.546	ng	98
48) 2-Nitroaniline	9.316	65	379728	47.719	ng	97
49) Acenaphthylene	9.627	152	1741453	46.479	ng	99
50) Dimethylphthalate	9.492	163	1299088	44.480	ng	98
51) 2,6-Dinitrotoluene	9.557	165	287161	47.008	ng	92
52) Acenaphthene	9.798	154	979267	43.779	ng	100
53) 3-Nitroaniline	9.722	138	194625	30.121	ng	97
54) 2,4-Dinitrophenol	9.833	184	268905	89.198	ng	98
55) Dibenzofuran	9.969	168	1484210	43.565	ng	99
56) 4-Nitrophenol	9.898	139	400721	86.765	ng	98
57) 2,4-Dinitrotoluene	9.957	165	352065	46.911	ng	92
58) Fluorene	10.310	166	1101864	42.113	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	313864	44.545	ng	92
60) Diethylphthalate	10.192	149	1194961	43.327	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	531472	41.447	ng	97
62) 4-Nitroaniline	10.339	138	240534	43.312	ng	98
63) Azobenzene	10.463	77	1335604	42.056	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	196731	50.840	ng	82
66) n-Nitrosodiphenylamine	10.427	169	1014281	45.368	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	348644	46.105	ng	99
68) Hexachlorobenzene	10.851	284	377644	49.444	ng	98
69) Atrazine	10.957	200	282180	41.519	ng	100
70) Pentachlorophenol	11.051	266	392683	85.049	ng	99
71) Phenanthrene	11.269	178	1663583	44.028	ng	99
72) Anthracene	11.322	178	1695226	43.684	ng	99
73) Carbazole	11.480	167	1510550	45.443	ng	99
74) Di-n-butylphthalate	11.810	149	1758669	44.468	ng	99
75) Fluoranthene	12.457	202	1633999	44.242	ng	97
77) Benzidine	12.586	184	98126	9.274	ng	98
78) Pyrene	12.680	202	1656684	39.049	ng	99
80) Butylbenzylphthalate	13.304	149	584720	53.966	ng	99
81) Benzo(a)anthracene	13.868	228	1311419	43.274	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	323005	40.024	ng	97
83) Chrysene	13.904	228	1347608	43.998	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	759129	55.123	ng	99
85) Di-n-octyl phthalate	14.474	149	1355464	50.711	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1199388	44.608	ng	98
88) Benzo(b)fluoranthene	14.898	252	1265293	52.352	ng	98
89) Benzo(k)fluoranthene	14.921	252	1152034	44.378	ng	98
90) Benzo(a)pyrene	15.245	252	1099683	46.172	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	972016	44.565	ng	98
92) Benzo(g,h,i)perylene	17.109	276	973122	43.444	ng	98

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

