

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133257.D
 Acq On : 05 May 2023 11:24
 Operator : CG\JU
 Sample : PB152569BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152569BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 05:45:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	201801	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	858564	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	452188	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	789706	20.000	ng	0.00
76) Chrysene-d12	13.886	240	483378	20.000	ng	0.00
86) Perylene-d12	15.298	264	409730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1760170	131.760	ng	0.02
7) Phenol-d6	6.375	99	2071299	124.919	ng	0.00
23) Nitrobenzene-d5	7.298	82	1319844	82.977	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	545339	119.918	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2165982	80.137	ng	0.00
79) Terphenyl-d14	12.833	244	2480936	88.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.457	88	224860	36.289	ng	98
3) Pyridine	3.151	79	597904	36.330	ng	95
4) n-Nitrosodimethylamine	3.116	42	366689	43.016	ng	99
6) Aniline	6.392	93	754586	35.334	ng	# 42
8) 2-Chlorophenol	6.516	128	653336	48.168	ng	93
9) Benzaldehyde	6.275	77	336885	46.614	ng	97
10) Phenol	6.392	94	758582	41.470	ng	# 70
11) bis(2-Chloroethyl)ether	6.469	93	619450	45.128	ng	96
12) 1,3-Dichlorobenzene	6.669	146	671129	46.539	ng	98
13) 1,4-Dichlorobenzene	6.745	146	670637	46.402	ng	99
14) 1,2-Dichlorobenzene	6.898	146	648257	48.652	ng	97
15) Benzyl Alcohol	6.881	79	541843	47.307	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	995154	41.741	ng	95
17) 2-Methylphenol	6.992	107	531348	42.782	ng	99
18) Hexachloroethane	7.239	117	237012	47.169	ng	95
19) n-Nitroso-di-n-propyla...	7.151	70	420864	40.771	ng	98
20) 3+4-Methylphenols	7.151	107	617399	42.211	ng	# 76
22) Acetophenone	7.139	105	862511	43.368	ng	# 96
24) Nitrobenzene	7.316	77	662090	41.077	ng	98
25) Isophorone	7.557	82	1246416	41.272	ng	100
26) 2-Nitrophenol	7.633	139	364251	46.854	ng	91
27) 2,4-Dimethylphenol	7.675	122	583305	43.757	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	743961	41.641	ng	99
29) 2,4-Dichlorophenol	7.875	162	536923	44.244	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	553012	43.987	ng	100
31) Naphthalene	8.039	128	1821251	42.428	ng	100
32) Benzoic acid	7.816	122	401894	48.808	ng	98
33) 4-Chloroaniline	8.086	127	441406	25.451	ng	98
34) Hexachlorobutadiene	8.157	225	303189	43.511	ng	99
35) Caprolactam	8.469	113	195053m	47.845	ng	
36) 4-Chloro-3-methylphenol	8.575	107	580317	44.344	ng	96
37) 2-Methylnaphthalene	8.727	142	1186303	40.423	ng	98
38) 1-Methylnaphthalene	8.827	142	1129580	41.145	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	495945	40.791	ng	99
41) Hexachlorocyclopentadiene	8.880	237	600607	84.704	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	362537	43.117	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	381224	39.203	ng	97
46) 1,1'-Biphenyl	9.192	154	1486249	41.450	ng	98
47) 2-Chloronaphthalene	9.216	162	1121277	42.724	ng	100
48) 2-Nitroaniline	9.310	65	372433	42.938	ng	94
49) Acenaphthylene	9.627	152	1742538	41.553	ng	99
50) Dimethylphthalate	9.498	163	1320934	41.894	ng	99
51) 2,6-Dinitrotoluene	9.557	165	311051	43.831	ng	89
52) Acenaphthene	9.804	154	1271612m	45.276	ng	
53) 3-Nitroaniline	9.722	138	275423	32.641	ng	99
54) 2,4-Dinitrophenol	9.833	184	348029	97.566	ng	99
55) Dibenzofuran	9.974	168	1531435	39.973	ng	99
56) 4-Nitrophenol	9.898	139	558824	85.507	ng	98
57) 2,4-Dinitrotoluene	9.957	165	408607	45.149	ng	97
58) Fluorene	10.316	166	1127954	40.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	321244	42.612	ng	99
60) Diethylphthalate	10.192	149	1237296	41.545	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	539440	39.437	ng	93
62) 4-Nitroaniline	10.339	138	361707	46.639	ng	98
63) Azobenzene	10.469	77	1268918	40.220	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	234167	48.922	ng	84
66) n-Nitrosodiphenylamine	10.427	169	1061319	41.432	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	355511	41.508	ng	96
68) Hexachlorobenzene	10.863	284	391194	44.574	ng	98
69) Atrazine	10.957	200	368635	49.943	ng	98
70) Pentachlorophenol	11.057	266	452521	72.399	ng	98
71) Phenanthrene	11.274	178	1764060	41.562	ng	100
72) Anthracene	11.327	178	1780167	40.983	ng	99
73) Carbazole	11.480	167	1648869	42.631	ng	98
74) Di-n-butylphthalate	11.816	149	1943661	44.406	ng	99
75) Fluoranthene	12.457	202	1780667	41.802	ng	99
77) Benzidine	12.580	184	758285	92.766	ng	# 93
78) Pyrene	12.686	202	1842417	44.463	ng	98
80) Butylbenzylphthalate	13.310	149	790186	53.858	ng	99
81) Benzo(a)anthracene	13.874	228	1361351	40.955	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	373422	40.666	ng	99
83) Chrysene	13.910	228	1351541	40.670	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	846432	45.963	ng	99
85) Di-n-octyl phthalate	14.480	149	1421181	47.329	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1192812	51.180	ng	98
88) Benzo(b)fluoranthene	14.898	252	1232982	47.301	ng	100
89) Benzo(k)fluoranthene	14.921	252	1097848	42.487	ng	98
90) Benzo(a)pyrene	15.239	252	1010690	42.599	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	997992	51.341	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1010297	52.645	ng	97

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

