

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135452.D
 Acq On : 26 Sep 2023 14:52
 Operator : CG\JU
 Sample : 04566-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPT102-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 02:12:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	155860	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	594819	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	293366	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	526183	20.000	ng	0.00
76) Chrysene-d12	13.945	240	256526	20.000	ng	0.00
86) Perylene-d12	15.404	264	350240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	897729	93.681	ng	0.02
7) Phenol-d6	6.404	99	1192228	97.843	ng	0.00
23) Nitrobenzene-d5	7.322	82	735746	67.201	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	262751	90.127	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1205936	62.019	ng	0.00
79) Terphenyl-d14	12.880	244	938832	56.734	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	210417	50.088	ng	92
3) Pyridine	3.299	79	521163	46.095	ng	93
4) n-Nitrosodimethylamine	3.263	42	295187	49.200	ng	94
6) Aniline	6.422	93	359111	22.474	ng	# 18
8) 2-Chlorophenol	6.545	128	500075	48.884	ng	97
9) Benzaldehyde	6.310	77	122422	17.636	ng	99
10) Phenol	6.416	94	605754	45.336	ng	99
11) bis(2-Chloroethyl)ether	6.498	93	488226	48.713	ng	99
12) 1,3-Dichlorobenzene	6.692	146	488263	46.965	ng	98
13) 1,4-Dichlorobenzene	6.775	146	492961	46.606	ng	99
14) 1,2-Dichlorobenzene	6.922	146	465961	47.437	ng	98
15) Benzyl Alcohol	6.904	79	406653	46.507	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	885676	46.882	ng	88
17) 2-Methylphenol	7.022	107	400464	44.361	ng	95
18) Hexachloroethane	7.257	117	186531	47.728	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	315691	41.827	ng	96
20) 3+4-Methylphenols	7.175	107	473726	43.641	ng	# 79
22) Acetophenone	7.169	105	623740	45.866	ng	96
24) Nitrobenzene	7.339	77	521550	48.196	ng	99
25) Isophorone	7.581	82	960962	47.799	ng	99
26) 2-Nitrophenol	7.657	139	264389	50.906	ng	95
27) 2,4-Dimethylphenol	7.698	122	392295	44.937	ng	95
28) bis(2-Chloroethoxy)met...	7.786	93	606131	50.373	ng	99
29) 2,4-Dichlorophenol	7.898	162	389058	48.095	ng	99
30) 1,2,4-Trichlorobenzene	7.975	180	406799	48.113	ng	99
31) Naphthalene	8.057	128	1362823	47.156	ng	99
32) Benzoic acid	7.839	122	261043	39.710	ng	96
33) 4-Chloroaniline	8.110	127	198104	15.624	ng	98
34) Hexachlorobutadiene	8.169	225	227797	44.681	ng	97
35) Caprolactam	8.486	113	133217m	49.069	ng	
36) 4-Chloro-3-methylphenol	8.610	107	429606	47.784	ng	95
37) 2-Methylnaphthalene	8.751	142	841735	43.329	ng	98
38) 1-Methylnaphthalene	8.845	142	812947	44.697	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	387852	45.635	ng	99
41) Hexachlorocyclopentadiene	8.898	237	165055	47.390	ng	99
43) 2,4,6-Trichlorophenol	9.033	196	262908	47.246	ng	98

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44) 2,4,5-Trichlorophenol	9.081	196	284429	44.384	ng	97
46) 1,1'-Biphenyl	9.216	154	1035453	45.929	ng	99
47) 2-Chloronaphthalene	9.239	162	775620	47.417	ng	98
48) 2-Nitroaniline	9.345	65	308276	48.510	ng	98
49) Acenaphthylene	9.657	152	1281370	47.135	ng	99
50) Dimethylphthalate	9.522	163	911182	45.939	ng	99
51) 2,6-Dinitrotoluene	9.592	165	208338	47.948	ng	# 80
52) Acenaphthene	9.828	154	736561	45.865	ng	97
53) 3-Nitroaniline	9.757	138	135791	26.624	ng	97
54) 2,4-Dinitrophenol	9.875	184	152886	63.388	ng	94
55) Dibenzofuran	10.004	168	1047495	42.744	ng	99
56) 4-Nitrophenol	9.939	139	280734	86.604	ng	98
57) 2,4-Dinitrotoluene	9.998	165	232729	42.784	ng	# 82
58) Fluorene	10.345	166	831534	44.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	226831	46.014	ng	98
60) Diethylphthalate	10.222	149	901808	45.304	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	377572	41.721	ng	91
62) 4-Nitroaniline	10.380	138	213741	43.596	ng	95
63) Azobenzene	10.498	77	919225	47.184	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	116697	41.756	ng	97
66) n-Nitrosodiphenylamine	10.463	169	765308	48.042	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	243014	46.436	ng	97
68) Hexachlorobenzene	10.892	284	255539	47.930	ng	# 89
69) Atrazine	10.992	200	235138	54.858	ng	99
70) Pentachlorophenol	11.098	266	229450	71.932	ng	99
71) Phenanthrene	11.310	178	1175106	47.219	ng	98
72) Anthracene	11.363	178	1208341	47.237	ng	100
73) Carbazole	11.522	167	1140911	48.995	ng	99
74) Di-n-butylphthalate	11.851	149	1340695	48.860	ng	99
75) Fluoranthene	12.504	202	1127291	43.472	ng	98
77) Benzidine	12.633	184	321183	61.115	ng	99
78) Pyrene	12.733	202	1093302	44.765	ng	100
80) Butylbenzylphthalate	13.357	149	422560	49.141	ng	95
81) Benzo(a)anthracene	13.933	228	804270	48.554	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	212082	40.990	ng	98
83) Chrysene	13.968	228	787419	47.812	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	504343	57.155	ng	99
85) Di-n-octyl phthalate	14.539	149	933239	66.550	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	888003	38.669	ng	95
88) Benzo(b)fluoranthene	14.986	252	903210	47.638	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	777602	41.519	ng	# 97
90) Benzo(a)pyrene	15.351	252	802867	44.405	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	735970	39.169	ng	98
92) Benzo(g,h,i)perylene	17.339	276	653220	33.288	ng	96

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

