

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135515.D
 Acq On : 29 Sep 2023 14:41
 Operator : CG\JU
 Sample : 04620-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-INMSD

Quant Time: Sep 30 00:20:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	162804	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	616512	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	292342	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	492769	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	252247	20.000	ng	0.00
86) Perylene-d12	15.392	264	296439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1312821	131.154	ng	0.02
7) Phenol-d6	6.404	99	1547466	121.579	ng	0.00
23) Nitrobenzene-d5	7.322	82	1105213	97.396	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	326799	112.489	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1740045	89.800	ng	0.00
79) Terphenyl-d14	12.868	244	1406250	86.422	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	221545	50.488	ng	95
3) Pyridine	3.393	79	443526	37.555	ng	95
4) n-Nitrosodimethylamine	3.322	42	339319	54.143	ng	91
6) Aniline	6.422	93	349419	20.935	ng	# 1
8) 2-Chlorophenol	6.539	128	558515	52.268	ng	99
9) Benzaldehyde	6.310	77	84535	11.659	ng	96
10) Phenol	6.422	94	596323	42.726	ng	97
11) bis(2-Chloroethyl)ether	6.492	93	574496	54.875	ng	98
12) 1,3-Dichlorobenzene	6.692	146	523724	48.227	ng	97
13) 1,4-Dichlorobenzene	6.769	146	529598	47.934	ng	99
14) 1,2-Dichlorobenzene	6.916	146	491321	47.885	ng	98
15) Benzyl Alcohol	6.904	79	475298	52.039	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	991257	50.232	ng	77
17) 2-Methylphenol	7.016	107	427781	45.366	ng	# 95
18) Hexachloroethane	7.251	117	186613	45.712	ng	91
19) n-Nitroso-di-n-propyla...	7.169	70	368466	46.738	ng	94
20) 3+4-Methylphenols	7.175	107	513141	45.256	ng	# 70
22) Acetophenone	7.163	105	718694	50.989	ng	# 93
24) Nitrobenzene	7.339	77	578794	51.604	ng	96
25) Isophorone	7.575	82	1102954	52.932	ng	98
26) 2-Nitrophenol	7.651	139	273583	50.823	ng	93
27) 2,4-Dimethylphenol	7.692	122	439638	48.588	ng	97
28) bis(2-Chloroethoxy)met...	7.780	93	693249	55.585	ng	99
29) 2,4-Dichlorophenol	7.898	162	437934	52.233	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	448441	51.171	ng	99
31) Naphthalene	8.051	128	1493761	49.868	ng	100
32) Benzoic acid	7.839	122	297314	43.636	ng	99
33) 4-Chloroaniline	8.104	127	167044	12.710	ng	99
34) Hexachlorobutadiene	8.157	225	249912	47.294	ng	99
35) Caprolactam	8.486	113	117567m	41.781	ng	
36) 4-Chloro-3-methylphenol	8.604	107	465298	49.933	ng	98
37) 2-Methylnaphthalene	8.739	142	936657	46.518	ng	97
38) 1-Methylnaphthalene	8.839	142	895477	47.502	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	437814	51.694	ng	99
41) Hexachlorocyclopentadiene	8.886	237	161164	46.584	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	285115	51.416	ng	98

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44) 2,4,5-Trichlorophenol	9.075	196	297211	46.541	ng	97
46) 1,1'-Biphenyl	9.204	154	1165923	51.897	ng	98
47) 2-Chloronaphthalene	9.233	162	862954	52.941	ng	99
48) 2-Nitroaniline	9.339	65	342337	54.059	ng	98
49) Acenaphthylene	9.645	152	1369067	50.538	ng	99
50) Dimethylphthalate	9.516	163	1046803	52.962	ng	100
51) 2,6-Dinitrotoluene	9.580	165	220294	50.877	ng	97
52) Acenaphthene	9.816	154	799593	49.964	ng	98
53) 3-Nitroaniline	9.751	138	160250	31.529	ng	98
54) 2,4-Dinitrophenol	9.869	184	137867	57.955	ng	92
55) Dibenzofuran	9.992	168	1120137	45.868	ng	100
56) 4-Nitrophenol	9.933	139	226300	70.056	ng	94
57) 2,4-Dinitrotoluene	9.992	165	233059	42.994	ng	# 83
58) Fluorene	10.339	166	886091	47.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	229931	46.807	ng	100
60) Diethylphthalate	10.216	149	1007850	50.809	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	416234	46.154	ng	95
62) 4-Nitroaniline	10.374	138	219833	44.996	ng	94
63) Azobenzene	10.486	77	992293	51.113	ng	95
65) 4,6-Dinitro-2-methylph...	10.404	198	100107	38.249	ng	95
66) n-Nitrosodiphenylamine	10.451	169	832930	55.832	ng	98
67) 4-Bromophenyl-phenylether	10.821	248	255855	52.205	ng	98
68) Hexachlorobenzene	10.886	284	263833	52.841	ng	94
69) Atrazine	10.986	200	242300	60.362	ng	99
70) Pentachlorophenol	11.086	266	225724	75.562	ng	97
71) Phenanthrene	11.304	178	1198631	51.430	ng	99
72) Anthracene	11.351	178	1221918	51.007	ng	100
73) Carbazole	11.516	167	1128043	51.727	ng	99
74) Di-n-butylphthalate	11.845	149	1453839	56.576	ng	99
75) Fluoranthene	12.492	202	1164869	47.968	ng	97
77) Benzidine	12.621	184	175811	34.021	ng	99
78) Pyrene	12.727	202	1166633	48.578	ng	99
80) Butylbenzylphthalate	13.345	149	505634	59.799	ng	93
81) Benzo(a)anthracene	13.921	228	877644	53.882	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	184953	36.353	ng	98
83) Chrysene	13.957	228	857807	52.970	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	644850	74.318	ng	99
85) Di-n-octyl phthalate	14.527	149	1108007	80.353	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	877202	45.132	ng	96
88) Benzo(b)fluoranthene	14.968	252	916342	57.103	ng	# 96
89) Benzo(k)fluoranthene	14.998	252	760796	47.994	ng	# 97
90) Benzo(a)pyrene	15.333	252	772509	50.480	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	729743	45.886	ng	99
92) Benzo(g,h,i)perylene	17.321	276	691829	41.654	ng	97

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

