

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135428.D
 Acq On : 25 Sep 2023 15:45
 Operator : CG\JU
 Sample : PB155524BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155524BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2023
 Supervised By :Jagrut Upadhyay 09/26/2023

Quant Time: Sep 26 01:42:12 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	6.751	152	179398	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	676485	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	322291	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	590559	20.000	ng	0.00
76) Chrysene-d12	13.939	240	330477	20.000	ng	# 0.00
86) Perylene-d12	15.404	264	280027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1352080	122.581	ng	0.02
7) Phenol-d6	6.404	99	1723238	122.866	ng	0.00
23) Nitrobenzene-d5	7.322	82	1108033	88.988	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	347015	108.348	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1737494	81.336	ng	0.00
79) Terphenyl-d14	12.880	244	1669914	78.332	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	216187	44.710	ng	92
3) Pyridine	3.310	79	565321	43.440	ng	95
4) n-Nitrosodimethylamine	3.269	42	333736	48.327	ng	93
6) Aniline	6.422	93	518541	28.194	ng	# 37
8) 2-Chlorophenol	6.545	128	559331	47.503	ng	96
9) Benzaldehyde	6.310	77	207518	25.972	ng	98
10) Phenol	6.422	94	630372	40.988	ng	82
11) bis(2-Chloroethyl)ether	6.498	93	550125	47.687	ng	99
12) 1,3-Dichlorobenzene	6.692	146	542793	45.360	ng	99
13) 1,4-Dichlorobenzene	6.769	146	551601	45.307	ng	99
14) 1,2-Dichlorobenzene	6.922	146	515805	45.622	ng	98
15) Benzyl Alcohol	6.904	79	439880	43.706	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	992944	45.664	ng	91
17) 2-Methylphenol	7.022	107	440467	42.391	ng	94
18) Hexachloroethane	7.257	117	209976	46.678	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	345520	39.773	ng	97
20) 3+4-Methylphenols	7.175	107	497028	39.780	ng	# 82
22) Acetophenone	7.169	105	689598	44.587	ng	98
24) Nitrobenzene	7.340	77	571135	46.407	ng	99
25) Isophorone	7.581	82	1052118	46.016	ng	98
26) 2-Nitrophenol	7.657	139	290517	49.184	ng	92
27) 2,4-Dimethylphenol	7.698	122	472289	47.569	ng	95
28) bis(2-Chloroethoxy)met...	7.787	93	650166	47.509	ng	99
29) 2,4-Dichlorophenol	7.898	162	416142	45.233	ng	100
30) 1,2,4-Trichlorobenzene	7.975	180	449290	46.723	ng	99
31) Naphthalene	8.057	128	1491074	45.365	ng	100
32) Benzoic acid	7.845	122	345926	46.270	ng	98
33) 4-Chloroaniline	8.110	127	311118	21.574	ng	99
34) Hexachlorobutadiene	8.169	225	248832	42.915	ng	99
35) Caprolactam	8.487	113	139718m	45.251	ng	
36) 4-Chloro-3-methylphenol	8.604	107	451850	44.191	ng	96
37) 2-Methylnaphthalene	8.745	142	915176	41.422	ng	99
38) 1-Methylnaphthalene	8.845	142	861953	41.670	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	429240	45.972	ng	98
41) Hexachlorocyclopentadiene	8.898	237	270729	67.114	ng	100
43) 2,4,6-Trichlorophenol	9.034	196	272830	44.629	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	296378	42.098	ng	98
46) 1,1'-Biphenyl	9.216	154	1109611	44.801	ng	97
47) 2-Chloronaphthalene	9.239	162	838682	46.670	ng	99
48) 2-Nitroaniline	9.345	65	331809	47.528	ng	97
49) Acenaphthylene	9.657	152	1301677	43.585	ng	99
50) Dimethylphthalate	9.522	163	926566	42.522	ng	99
51) 2,6-Dinitrotoluene	9.586	165	217679	45.602	ng	95
52) Acenaphthene	9.828	154	786193	44.562	ng	98
53) 3-Nitroaniline	9.757	138	180997	32.302	ng	96
54) 2,4-Dinitrophenol	9.875	184	214016	79.056	ng	93
55) Dibenzofuran	9.998	168	1098322	40.795	ng	98
56) 4-Nitrophenol	9.939	139	293171	82.324	ng	98
57) 2,4-Dinitrotoluene	9.998	165	245097	41.014	ng	# 85
58) Fluorene	10.345	166	862987	41.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	238529	44.045	ng	98
60) Diethylphthalate	10.222	149	902473	41.268	ng	99
61) 4-Chlorophenyl-phenyle...	10.333	204	397463	39.977	ng	97
62) 4-Nitroaniline	10.381	138	238166	44.218	ng	95
63) Azobenzene	10.498	77	957671	44.746	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	154283	49.187	ng	95
66) n-Nitrosodiphenylamine	10.457	169	811478	45.387	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	251870	42.882	ng	98
68) Hexachlorobenzene	10.892	284	268430	44.859	ng	# 91
69) Atrazine	10.992	200	248568	51.670	ng	99
70) Pentachlorophenol	11.092	266	252217	70.450	ng	96
71) Phenanthrene	11.310	178	1266039	45.328	ng	98
72) Anthracene	11.363	178	1286990	44.827	ng	100
73) Carbazole	11.522	167	1277812	48.892	ng	99
74) Di-n-butylphthalate	11.851	149	1361243	44.201	ng	99
75) Fluoranthene	12.504	202	1371806	47.135	ng	98
77) Benzidine	12.633	184	358232	52.911	ng	99
78) Pyrene	12.733	202	1414051	44.942	ng	99
80) Butylbenzylphthalate	13.357	149	551689	49.801	ng	96
81) Benzo(a)anthracene	13.933	228	991833	46.478	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	237853	35.684	ng	# 98
83) Chrysene	13.969	228	949726	44.763	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	626629	55.123	ng	99
85) Di-n-octyl phthalate	14.533	149	955054	52.865	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	928587	50.575	ng	96
88) Benzo(b)fluoranthene	14.980	252	761847	50.257	ng	# 97
89) Benzo(k)fluoranthene	15.010	252	749799	50.073	ng	# 98
90) Benzo(a)pyrene	15.345	252	694302	48.029	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	751635	50.033	ng	98
92) Benzo(g,h,i)perylene	17.333	276	803962	51.243	ng	95

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

