

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135513.D
 Acq On : 29 Sep 2023 13:29
 Operator : CG\JU
 Sample : PB155781BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155781BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2023
 Supervised By :mohammad ahmed 10/05/2023

Quant Time: Sep 30 00:19:04 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	167209	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	639870	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	318053	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	588814	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	285869	20.000	ng	0.00
86) Perylene-d12	15.392	264	295742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1243776	120.982	ng	0.01
7) Phenol-d6	6.404	99	1537696	117.629	ng	0.00
23) Nitrobenzene-d5	7.316	82	1007813	85.570	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	350282	110.825	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1639631	77.778	ng	0.00
79) Terphenyl-d14	12.874	244	1578517	85.599	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	162671	36.094	ng	92
3) Pyridine	3.281	79	431705	35.591	ng	96
4) n-Nitrosodimethylamine	3.234	42	280143	43.523	ng	95
6) Aniline	6.416	93	528807	30.848	ng	# 30
8) 2-Chlorophenol	6.540	128	483346	44.042	ng	96
9) Benzaldehyde	6.304	77	120594	16.193	ng	98
10) Phenol	6.416	94	554439	38.679	ng	81
11) bis(2-Chloroethyl)ether	6.492	93	479859	44.628	ng	98
12) 1,3-Dichlorobenzene	6.687	146	471050	42.234	ng	97
13) 1,4-Dichlorobenzene	6.763	146	476432	41.986	ng	98
14) 1,2-Dichlorobenzene	6.916	146	448587	42.569	ng	97
15) Benzyl Alcohol	6.898	79	401367	42.787	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.022	45	849862	41.933	ng	72
17) 2-Methylphenol	7.016	107	380737	39.313	ng	95
18) Hexachloroethane	7.251	117	176306	42.050	ng	93
19) n-Nitroso-di-n-propyla...	7.169	70	307866	38.022	ng	98
20) 3+4-Methylphenols	7.169	107	452386	38.846	ng	# 81
22) Acetophenone	7.163	105	604317	41.309	ng	98
24) Nitrobenzene	7.334	77	497780	42.761	ng	99
25) Isophorone	7.575	82	944378	43.667	ng	99
26) 2-Nitrophenol	7.651	139	253857	45.437	ng	92
27) 2,4-Dimethylphenol	7.692	122	379248	40.384	ng	95
28) bis(2-Chloroethoxy)met...	7.781	93	583849	45.105	ng	100
29) 2,4-Dichlorophenol	7.892	162	378927	43.545	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	394434	43.366	ng	97
31) Naphthalene	8.045	128	1310445	42.151	ng	99
32) Benzoic acid	7.839	122	308883	43.679	ng	99
33) 4-Chloroaniline	8.104	127	440270	32.277	ng	98
34) Hexachlorobutadiene	8.157	225	215965	39.378	ng	99
35) Caprolactam	8.486	113	133970m	45.872	ng	
36) 4-Chloro-3-methylphenol	8.598	107	420826	43.512	ng	97
37) 2-Methylnaphthalene	8.739	142	825985	39.524	ng	98
38) 1-Methylnaphthalene	8.839	142	790631	40.409	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	385972	41.888	ng	99
41) Hexachlorocyclopentadiene	8.886	237	203360	52.849	ng	99
43) 2,4,6-Trichlorophenol	9.028	196	256622	42.537	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	277820	39.988	ng	97
46) 1,1'-Biphenyl	9.204	154	1023159	41.861	ng	98
47) 2-Chloronaphthalene	9.233	162	774175	43.655	ng	99
48) 2-Nitroaniline	9.339	65	317320	46.058	ng	99
49) Acenaphthylene	9.645	152	1241820	42.135	ng	99
50) Dimethylphthalate	9.516	163	926062	43.065	ng	100
51) 2,6-Dinitrotoluene	9.581	165	206640	43.866	ng	95
52) Acenaphthene	9.816	154	730907	41.980	ng	97
53) 3-Nitroaniline	9.751	138	201210	36.388	ng	99
54) 2,4-Dinitrophenol	9.869	184	208895	78.261	ng	91
55) Dibenzofuran	9.992	168	1033604	38.903	ng	98
56) 4-Nitrophenol	9.939	139	271049	77.126	ng	93
57) 2,4-Dinitrotoluene	9.992	165	235395	39.915	ng	# 85
58) Fluorene	10.339	166	842616	41.254	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	228614	42.776	ng	99
60) Diethylphthalate	10.216	149	928026	43.002	ng	99
61) 4-Chlorophenyl-phenyle...	10.328	204	390845	39.835	ng	94
62) 4-Nitroaniline	10.375	138	227509	42.803	ng	97
63) Azobenzene	10.486	77	955041	45.218	ng	96
65) 4,6-Dinitro-2-methylph...	10.404	198	140940	45.067	ng	98
66) n-Nitrosodiphenylamine	10.451	169	792190	44.440	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	250700	42.809	ng	95
68) Hexachlorobenzene	10.886	284	270796	45.389	ng	95
69) Atrazine	10.986	200	243286	50.721	ng	97
70) Pentachlorophenol	11.086	266	235539	65.986	ng	98
71) Phenanthrene	11.304	178	1232463	44.256	ng	99
72) Anthracene	11.357	178	1264213	44.164	ng	99
73) Carbazole	11.516	167	1205244	46.252	ng	99
74) Di-n-butylphthalate	11.845	149	1417395	46.161	ng	100
75) Fluoranthene	12.498	202	1282237	44.188	ng	99
77) Benzidine	12.622	184	471181	80.454	ng	99
78) Pyrene	12.727	202	1296736	47.645	ng	100
80) Butylbenzylphthalate	13.351	149	502651	52.454	ng	98
81) Benzo(a)anthracene	13.921	228	856868	46.419	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	253336	43.937	ng	99
83) Chrysene	13.957	228	830840	45.270	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	595800	60.589	ng	100
85) Di-n-octyl phthalate	14.527	149	874479	55.959	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	909296	46.893	ng	95
88) Benzo(b)fluoranthene	14.968	252	713671	44.578	ng	# 98
89) Benzo(k)fluoranthene	14.998	252	707531	44.739	ng	# 98
90) Benzo(a)pyrene	15.333	252	668629	43.795	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	742845	46.820	ng	97
92) Benzo(g,h,i)perylene	17.321	276	776941	46.889	ng	96

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

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