

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129085.D
 Acq On : 01 Jul 2022 11:15
 Operator : CG\JU
 Sample : PB145957BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145957BSD

Quant Time: Jul 02 01:24:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian
 Giraldo

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	429709	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1680409	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	873973	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1559163	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	1145119	20.000	ng	0.00
86) Perylene-d12	15.663	264	879642	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	2723677	107.159	ng	0.01
7) Phenol-d6	6.587	99	3418665	108.298	ng	0.00
23) Nitrobenzene-d5	7.522	82	2179358	77.357	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	1088564	114.548	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	3869132	70.823	ng	0.00
79) Terphenyl-d14	13.080	244	4242160	76.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.952	88	359596	31.733	ng	87
3) Pyridine	3.722	79	958477	34.635	ng	87
4) n-Nitrosodimethylamine	3.657	42	493525	39.362	ng	# 75
6) Aniline	6.622	93	1407137	39.858	ng	97
8) 2-Chlorophenol	6.745	128	1137551	42.599	ng	93
9) Benzaldehyde	6.510	77	721023	55.427	ng	98
10) Phenol	6.598	94	1324405	41.410	ng	90
11) bis(2-Chloroethyl)ether	6.692	93	1058381	41.809	ng	91
12) 1,3-Dichlorobenzene	6.898	146	1194993	40.651	ng	97
13) 1,4-Dichlorobenzene	6.975	146	1212753	40.902	ng	99
14) 1,2-Dichlorobenzene	7.128	146	1173047	42.086	ng	99
15) Benzyl Alcohol	7.098	79	903028	40.668	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1476843	40.846	ng	92
17) 2-Methylphenol	7.204	107	903501	41.579	ng	97
18) Hexachloroethane	7.469	117	433706	41.665	ng	94
19) n-Nitroso-di-n-propyla...	7.369	70	750527	41.100	ng	89
20) 3+4-Methylphenols	7.357	107	1132417	40.981	ng	94
22) Acetophenone	7.369	105	1514426	39.286	ng	# 93
24) Nitrobenzene	7.540	77	1135196	41.645	ng	95
25) Isophorone	7.781	82	2059481	43.254	ng	97
26) 2-Nitrophenol	7.857	139	596551	47.088	ng	# 85
27) 2,4-Dimethylphenol	7.887	122	1048998	45.864	ng	97
28) bis(2-Chloroethoxy)met...	7.987	93	1278676	39.104	ng	99
29) 2,4-Dichlorophenol	8.092	162	933643	40.021	ng	98
30) 1,2,4-Trichlorobenzene	8.181	180	967004	37.668	ng	96
31) Naphthalene	8.263	128	3066792	40.201	ng	98
32) Benzoic acid	8.010	122	736069	40.112	ng	94
33) 4-Chloroaniline	8.310	127	908235	29.546	ng	95
34) Hexachlorobutadiene	8.375	225	588482	38.391	ng	99
35) Caprolactam	8.692	113	298543m	40.357	ng	
36) 4-Chloro-3-methylphenol	8.786	107	960678	40.530	ng	92
37) 2-Methylnaphthalene	8.957	142	2084697	40.612	ng	99
38) 1-Methylnaphthalene	9.057	142	1986445	39.848	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	954777	38.866	ng	99
41) Hexachlorocyclopentadiene	9.104	237	1224965	94.466	ng	98
43) 2,4,6-Trichlorophenol	9.228	196	677728	40.503	ng	98

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 Padhyay

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	690876	38.817	ng	98
46) 1,1'-Biphenyl	9.422	154	2515422	40.034	ng	99
47) 2-Chloronaphthalene	9.445	162	1905487	39.271	ng	99
48) 2-Nitroaniline	9.539	65	577901	45.220	ng	86
49) Acenaphthylene	9.863	152	3017284	40.924	ng	97
50) Dimethylphthalate	9.722	163	2180673	39.884	ng	99
51) 2,6-Dinitrotoluene	9.781	165	509358	45.590	ng	99
52) Acenaphthene	10.039	154	2143245	44.628	ng	98
53) 3-Nitroaniline	9.957	138	462208	34.691	ng	# 81
54) 2,4-Dinitrophenol	10.057	184	585609	95.471	ng	# 87
55) Dibenzofuran	10.210	168	2731976	39.067	ng	97
56) 4-Nitrophenol	10.116	139	968075	88.928	ng	84
57) 2,4-Dinitrotoluene	10.186	165	675831	48.998	ng	94
58) Fluorene	10.551	166	2151173	39.769	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.322	232	583168	39.549	ng	99
60) Diethylphthalate	10.422	149	2159672	39.420	ng	98
61) 4-Chlorophenyl-phenyle...	10.539	204	1034908	38.400	ng	96
62) 4-Nitroaniline	10.575	138	572348	43.320	ng	89
63) Azobenzene	10.704	77	2079685	38.744	ng	93
65) 4,6-Dinitro-2-methylph...	10.598	198	330351	47.891	ng	# 77
66) n-Nitrosodiphenylamine	10.663	169	1884902	39.806	ng	95
67) 4-Bromophenyl-phenylether	11.033	248	664871	40.088	ng	97
68) Hexachlorobenzene	11.098	284	757116	40.996	ng	99
69) Atrazine	11.192	200	633580	47.549	ng	98
70) Pentachlorophenol	11.292	266	895101	81.373	ng	99
71) Phenanthrene	11.522	178	2962800	39.771	ng	96
72) Anthracene	11.575	178	2978363	40.550	ng	97
73) Carbazole	11.727	167	2834696	38.516	ng	99
74) Di-n-butylphthalate	12.045	149	3140030	40.465	ng	98
75) Fluoranthene	12.710	202	3192618	40.979	ng	94
77) Benzidine	12.833	184	1649240	80.883	ng	100
78) Pyrene	12.945	202	3204144	40.367	ng	98
80) Butylbenzylphthalate	13.557	149	1336931	41.345	ng	87
81) Benzo(a)anthracene	14.133	228	2825746	40.415	ng	97
82) 3,3'-Dichlorobenzidine	14.092	252	801386	53.045	ng	# 95
83) Chrysene	14.174	228	2539494	39.123	ng	96
84) Bis(2-ethylhexyl)phtha...	14.110	149	1827046	42.515	ng	96
85) Di-n-octyl phthalate	14.733	149	2670938	42.102	ng	95
87) Indeno(1,2,3-cd)pyrene	17.227	276	2098454	38.896	ng	99
88) Benzo(b)fluoranthene	15.215	252	2372879	44.855	ng	98
89) Benzo(k)fluoranthene	15.245	252	2274352	44.325	ng	97
90) Benzo(a)pyrene	15.604	252	1978927	45.887	ng	98
91) Dibenzo(a,h)anthracene	17.245	278	1805699	41.057	ng	97
92) Benzo(g,h,i)perylene	17.698	276	1802263	40.845	ng	99

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 Upadhyay

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

