

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127585.D
 Acq On : 30 Mar 2022 13:51
 Operator : CG\JU
 Sample : PB143724BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143724BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2022
 Supervised By : Jagrut Upadhyay 03/31/2022

Quant Time: Mar 30 16:33:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	100208	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	362772	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	209448	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	361134	20.000	ng	0.00
76) Chrysene-d12	14.016	240	230702	20.000	ng	0.00
86) Perylene-d12	15.498	264	184575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	706921	112.606	ng	0.01
7) Phenol-d6	6.481	99	923643	107.634	ng	0.00
23) Nitrobenzene-d5	7.404	82	647176	76.257	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	234786	105.231	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1077951	75.153	ng	0.00
79) Terphenyl-d14	12.951	244	1135634	80.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	106042	38.459	ng	96
3) Pyridine	3.434	79	242871	31.208	ng	94
4) n-Nitrosodimethylamine	3.399	42	182509	42.714	ng	98
6) Aniline	6.504	93	330788	32.302	ng	# 88
8) 2-Chlorophenol	6.628	128	279660	43.592	ng	98
9) Benzaldehyde	6.393	77	176261	40.114	ng	97
10) Phenol	6.492	94	385096	41.207	ng	97
11) bis(2-Chloroethyl)ether	6.575	93	300073	43.882	ng	98
12) 1,3-Dichlorobenzene	6.775	146	291859	40.448	ng	96
13) 1,4-Dichlorobenzene	6.851	146	296679	40.876	ng	98
14) 1,2-Dichlorobenzene	7.004	146	277010	39.186	ng	99
15) Benzyl Alcohol	6.987	79	275923	44.244	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	519893	42.250	ng	85
17) 2-Methylphenol	7.098	107	227035	41.934	ng	# 94
18) Hexachloroethane	7.340	117	112062	42.174	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	212739	41.358	ng	97
20) 3+4-Methylphenols	7.251	107	282370	42.284	ng	96
22) Acetophenone	7.251	105	377747	40.735	ng	100
24) Nitrobenzene	7.428	77	343307	42.417	ng	96
25) Isophorone	7.657	82	618834	45.782	ng	99
26) 2-Nitrophenol	7.739	139	143396	42.244	ng	99
27) 2,4-Dimethylphenol	7.775	122	250178	48.996	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	375592	42.775	ng	99
29) 2,4-Dichlorophenol	7.987	162	245150	42.292	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	268471	39.746	ng	98
31) Naphthalene	8.139	128	794164	41.234	ng	99
32) Benzoic acid	7.939	122	120706	41.997	ng	93
33) 4-Chloroaniline	8.198	127	114805	15.382	ng	95
34) Hexachlorobutadiene	8.245	225	169087	39.421	ng	98
35) Caprolactam	8.581	113	79014m	44.216	ng	
36) 4-Chloro-3-methylphenol	8.692	107	268282	42.658	ng	99
37) 2-Methylnaphthalene	8.834	142	525424	42.426	ng	100
38) 1-Methylnaphthalene	8.928	142	491996	40.176	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	271875	40.825	ng	99
41) Hexachlorocyclopentadiene	8.975	237	148840	69.536	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	163092	40.515	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	168440	40.649	ng	98
46) 1,1'-Biphenyl	9.292	154	639367	40.418	ng	99
47) 2-Chloronaphthalene	9.322	162	505523	40.582	ng	98
48) 2-Nitroaniline	9.433	65	198707	41.621	ng	95
49) Acenaphthylene	9.739	152	768766	40.822	ng	100
50) Dimethylphthalate	9.598	163	601613	41.289	ng	99
51) 2,6-Dinitrotoluene	9.669	165	131890	43.121	ng	96
52) Acenaphthene	9.910	154	451292	41.073	ng	98
53) 3-Nitroaniline	9.845	138	84754	25.261	ng	100
54) 2,4-Dinitrophenol	9.963	184	101404	67.246	ng	98
55) Dibenzofuran	10.081	168	649638	40.656	ng	98
56) 4-Nitrophenol	10.028	139	114805	67.230	ng	95
57) 2,4-Dinitrotoluene	10.081	165	156612	39.780	ng	# 88
58) Fluorene	10.428	166	537613	42.079	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	138168	37.713	ng	99
60) Diethylphthalate	10.298	149	544554	40.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	283471	37.642	ng	94
62) 4-Nitroaniline	10.469	138	120310	38.282	ng	98
63) Azobenzene	10.575	77	629450	40.084	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	86469	38.912	ng	100
66) n-Nitrosodiphenylamine	10.539	169	465656	42.359	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	174472	41.380	ng	95
68) Hexachlorobenzene	10.969	284	194621	42.287	ng	95
69) Atrazine	11.069	200	177832	48.592	ng	97
70) Pentachlorophenol	11.175	266	127605	72.501	ng	99
71) Phenanthrene	11.392	178	780240	41.442	ng	99
72) Anthracene	11.445	178	795918	42.600	ng	99
73) Carbazole	11.604	167	707054	39.572	ng	100
74) Di-n-butylphthalate	11.916	149	830847	44.923	ng	99
75) Fluoranthene	12.586	202	853544	41.218	ng	99
77) Benzidine	12.710	184	252899	45.975	ng	98
78) Pyrene	12.816	202	846969	42.778	ng	99
80) Butylbenzylphthalate	13.416	149	304703	46.759	ng	98
81) Benzo(a)anthracene	14.004	228	648124	42.009	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	118235	26.075	ng	97
83) Chrysene	14.045	228	601868	41.197	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	367285	48.758	ng	99
85) Di-n-octyl phthalate	14.580	149	557723	55.639	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	501803	40.178	ng	98
88) Benzo(b)fluoranthene	15.063	252	509112	43.746	ng	99
89) Benzo(k)fluoranthene	15.092	252	525527	43.559	ng	99
90) Benzo(a)pyrene	15.433	252	499541	52.302	ng	# 97
91) Dibenzo(a,h)anthracene	17.004	278	437776	42.456	ng	96
92) Benzo(g,h,i)perylene	17.456	276	428838	40.236	ng	97

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

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