

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
 Data File : BP009361.D
 Acq On : 11 Mar 2022 12:44
 Operator : CG/JU
 Sample : PB143234BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143234BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

Quant Time: Mar 12 04:49:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	361038	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1355334	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	784118	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1524329	20.000	ng	0.00
76) Chrysene-d12	21.328	240	1390231	20.000	ng	0.00
86) Perylene-d12	23.733	264	1473350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2779266	112.366	ng	0.00
7) Phenol-d6	6.999	99	3380584	107.553	ng	0.01
23) Nitrobenzene-d5	8.975	82	2119097	86.117	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1393413	147.167	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	4762630	83.528	ng	0.00
79) Terphenyl-d14	19.792	244	6588650	89.436	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.352	88	289845	27.530	ng	98
3) Pyridine	3.740	79	768669	34.255	ng	99
4) n-Nitrosodimethylamine	3.652	42	361307	38.607	ng	98
6) Aniline	7.146	93	1108527	27.843	ng	98
8) 2-Chlorophenol	7.387	128	1025925	40.493	ng	98
9) Benzaldehyde	6.958	77	600382m	29.979	ng	
10) Phenol	7.022	94	1227249	37.705	ng	97
11) bis(2-Chloroethyl)ether	7.246	93	945748	37.546	ng	97
12) 1,3-Dichlorobenzene	7.711	146	1118928	37.486	ng	98
13) 1,4-Dichlorobenzene	7.852	146	1142758	37.732	ng	99
14) 1,2-Dichlorobenzene	8.169	146	1088717	37.613	ng	99
15) Benzyl Alcohol	8.058	79	862050	38.889	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1038202	31.753	ng	96
17) 2-Methylphenol	8.269	107	808782	38.387	ng	99
18) Hexachloroethane	8.899	117	404060	38.333	ng	92
19) n-Nitroso-di-n-propyla...	8.628	70	711123	37.512	ng	97
20) 3+4-Methylphenols	8.593	107	1090629	38.626	ng	98
22) Acetophenone	8.640	105	1417682	39.130	ng	# 98
24) Nitrobenzene	9.016	77	1064553	40.821	ng	97
25) Isophorone	9.546	82	1920724	41.730	ng	98
26) 2-Nitrophenol	9.722	139	525211	51.988	ng	97
27) 2,4-Dimethylphenol	9.793	122	862357	38.810	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	1179268	39.151	ng	100
29) 2,4-Dichlorophenol	10.263	162	915763	42.731	ng	99
30) 1,2,4-Trichlorobenzene	10.481	180	1031214	41.112	ng	99
31) Naphthalene	10.663	128	2935693	39.113	ng	100
32) Benzoic acid	9.952	122	570414	50.546	ng	94
33) 4-Chloroaniline	10.769	127	650212	21.188	ng	98
34) Hexachlorobutadiene	10.958	225	676702	44.302	ng	99
35) Caprolactam	11.563	113	262003	41.535	ng	92
36) 4-Chloro-3-methylphenol	11.910	107	899788	40.222	ng	99
37) 2-Methylnaphthalene	12.275	142	1998613	37.478	ng	99
38) 1-Methylnaphthalene	12.493	142	1894114	38.567	ng	100
40) 1,2,4,5-Tetrachloroben...	12.652	216	1147159	43.413	ng	99
41) Hexachlorocyclopentadiene	12.634	237	1398631	83.569	ng	100
43) 2,4,6-Trichlorophenol	12.893	196	718993	45.316	ng	97

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44) 2,4,5-Trichlorophenol	12.963	196	771653	44.340	ng	98
46) 1,1'-Biphenyl	13.293	154	2534318	39.587	ng	99
47) 2-Chloronaphthalene	13.328	162	1984906	40.933	ng	100
48) 2-Nitroaniline	13.528	65	522628	46.875	ng	97
49) Acenaphthylene	14.175	152	3175105	42.378	ng	100
50) Dimethylphthalate	13.922	163	2335704	40.387	ng	100
51) 2,6-Dinitrotoluene	14.034	165	520613	45.584	ng	96
52) Acenaphthene	14.522	154	2103738m	43.811	ng	
53) 3-Nitroaniline	14.357	138	391146	32.242	ng	95
54) 2,4-Dinitrophenol	14.569	184	533674	109.130	ng	96
55) Dibenzofuran	14.857	168	2870360	39.461	ng	99
56) 4-Nitrophenol	14.681	139	839057	83.165	ng	97
57) 2,4-Dinitrotoluene	14.822	165	691558	47.291	ng	95
58) Fluorene	15.510	166	2241449	39.349	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.093	232	646367	44.110	ng	94
60) Diethylphthalate	15.293	149	2284254	40.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	1213909	41.837	ng	99
62) 4-Nitroaniline	15.528	138	510395	43.385	ng	99
63) Azobenzene	15.804	77	2079589	37.593	ng	96
65) 4,6-Dinitro-2-methylph...	15.593	198	362417	54.053	ng	95
66) n-Nitrosodiphenylamine	15.722	169	1937516	40.492	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	766032	46.579	ng	96
68) Hexachlorobenzene	16.528	284	873216	45.269	ng	95
69) Atrazine	16.687	200	717120	42.575	ng	97
70) Pentachlorophenol	16.875	266	901863	77.680	ng	98
71) Phenanthrene	17.263	178	3401651	38.830	ng	99
72) Anthracene	17.351	178	3455434	39.628	ng	99
73) Carbazole	17.622	167	3087797	38.863	ng	99
74) Di-n-butylphthalate	18.187	149	3760151	42.758	ng	99
75) Fluoranthene	19.239	202	3890252	38.473	ng	98
77) Benzidine	19.416	184	1138572	23.464	ng	100
78) Pyrene	19.592	202	3997646	42.589	ng	99
80) Butylbenzylphthalate	20.475	149	1605475	47.387	ng	96
81) Benzo(a)anthracene	21.310	228	3843095	40.785	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	1157346	33.459	ng	99
83) Chrysene	21.363	228	3541639	38.712	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	2321249	42.838	ng	100
85) Di-n-octyl phthalate	22.175	149	3936139	44.369	ng	97
87) Indeno(1,2,3-cd)pyrene	26.257	276	4739517	41.403	ng	96
88) Benzo(b)fluoranthene	23.004	252	4005016	40.260	ng	98
89) Benzo(k)fluoranthene	23.051	252	3772663	39.697	ng	98
90) Benzo(a)pyrene	23.627	252	3884450	41.171	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	4174272	43.005	ng	97
92) Benzo(g,h,i)perylene	27.021	276	4157246	43.354	ng	96

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

