

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009381.D
 Acq On : 14 Mar 2022 14:35
 Operator : CG/JU
 Sample : PB143271BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143271BS

Quant Time: Mar 15 00:59:19 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

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/15/2022
 Supervised By : mohammad ahmed 03/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	359057	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1378047	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	786290	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1501043	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1391315	20.000	ng	0.00
86) Perylene-d12	23.733	264	1504925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2836231	115.302	ng	0.02
7) Phenol-d6	7.016	99	3428100	109.667	ng	0.03
23) Nitrobenzene-d5	8.969	82	2162248	86.422	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1432365	150.863	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	4772175	83.464	ng	0.00
79) Terphenyl-d14	19.792	244	6560226	88.980	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	277605	26.513	ng	98
3) Pyridine	3.740	79	708246	31.736	ng	98
4) n-Nitrosodimethylamine	3.646	42	363638	39.071	ng	99
6) Aniline	7.146	93	1349044	34.071	ng	98
8) 2-Chlorophenol	7.393	128	1061648	42.134	ng	96
9) Benzaldehyde	6.958	77	561197m	28.177	ng	
10) Phenol	7.040	94	1269444	39.217	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	971595	38.785	ng	98
12) 1,3-Dichlorobenzene	7.705	146	1152551	38.825	ng	98
13) 1,4-Dichlorobenzene	7.852	146	1175740	39.035	ng	100
14) 1,2-Dichlorobenzene	8.169	146	1127964	39.184	ng	99
15) Benzyl Alcohol	8.063	79	888807	40.318	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.346	45	1059094	32.571	ng	97
17) 2-Methylphenol	8.281	107	835280	39.864	ng	99
18) Hexachloroethane	8.893	117	414206	39.513	ng	92
19) n-Nitroso-di-n-propyla...	8.628	70	713633	37.853	ng	96
20) 3+4-Methylphenols	8.605	107	1103686	39.304	ng	98
22) Acetophenone	8.640	105	1463973	39.741	ng	# 97
24) Nitrobenzene	9.010	77	1087300	41.006	ng	98
25) Isophorone	9.546	82	1889633	40.378	ng	98
26) 2-Nitrophenol	9.722	139	543379	52.900	ng	97
27) 2,4-Dimethylphenol	9.805	122	898330	39.763	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	1182060	38.597	ng	99
29) 2,4-Dichlorophenol	10.275	162	938432	43.067	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	1073125	42.078	ng	100
31) Naphthalene	10.663	128	3029733	39.701	ng	100
32) Benzoic acid	9.981	122	562090	48.987	ng	94
33) 4-Chloroaniline	10.775	127	668868	21.436	ng	96
34) Hexachlorobutadiene	10.951	225	701753	45.184	ng	99
35) Caprolactam	11.563	113	271289	42.298	ng	87
36) 4-Chloro-3-methylphenol	11.928	107	926421	40.730	ng	99
37) 2-Methylnaphthalene	12.275	142	2071370	38.202	ng	99
38) 1-Methylnaphthalene	12.493	142	1932664	38.703	ng	99
40) 1,2,4,5-Tetrachloroben...	12.646	216	1185126	44.726	ng	99
41) Hexachlorocyclopentadiene	12.634	237	1506298	89.754	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	738963	46.446	ng	99

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44) 2,4,5-Trichlorophenol	12.975	196	793213	45.453	ng	97
46) 1,1'-Biphenyl	13.287	154	2591808	40.373	ng	98
47) 2-Chloronaphthalene	13.328	162	2003596	41.205	ng	100
48) 2-Nitroaniline	13.534	65	533696	47.735	ng	96
49) Acenaphthylene	14.175	152	3175239	42.263	ng	100
50) Dimethylphthalate	13.916	163	2342889	40.399	ng	99
51) 2,6-Dinitrotoluene	14.034	165	526626	45.983	ng	95
52) Acenaphthene	14.522	154	2128126m	44.196	ng	03/16/2022
53) 3-Nitroaniline	14.363	138	369681	30.388	ng	95
54) 2,4-Dinitrophenol	14.575	184	541436	110.411	ng	95
55) Dibenzofuran	14.857	168	2892064	39.649	ng	99
56) 4-Nitrophenol	14.710	139	881757	87.156	ng	96
57) 2,4-Dinitrotoluene	14.822	165	705101	48.084	ng	94
58) Fluorene	15.510	166	2262982	39.618	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	674174	45.881	ng	93
60) Diethylphthalate	15.292	149	2281565	40.407	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	1201291	41.288	ng	98
62) 4-Nitroaniline	15.534	138	513780	43.552	ng	97
63) Azobenzene	15.798	77	2058757	37.113	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	371252	56.230	ng	96
66) n-Nitrosodiphenylamine	15.722	169	1963063	41.662	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	775293	47.874	ng	95
68) Hexachlorobenzene	16.522	284	897324	47.240	ng	95
69) Atrazine	16.686	200	724148	43.659	ng	98
70) Pentachlorophenol	16.875	266	1054982	92.279	ng	99
71) Phenanthrene	17.263	178	3486982	40.421	ng	99
72) Anthracene	17.351	178	3514348	40.929	ng	99
73) Carbazole	17.628	167	3153368	40.304	ng	99
74) Di-n-butylphthalate	18.186	149	3643069	42.070	ng	99
75) Fluoranthene	19.239	202	3990538	40.077	ng	98
77) Benzidine	19.416	184	1995534	41.092	ng	100
78) Pyrene	19.592	202	4051398	43.128	ng	100
80) Butylbenzylphthalate	20.475	149	1572696	46.383	ng	96
81) Benzo(a)anthracene	21.310	228	3982251	42.228	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	1291226	37.301	ng	# 98
83) Chrysene	21.363	228	3692233	40.326	ng	99
84) Bis(2-ethylhexyl)phtha...	21.245	149	2201455	40.596	ng	100
85) Di-n-octyl phthalate	22.174	149	3819669	43.022	ng	97
87) Indeno(1,2,3-cd)pyrene	26.251	276	5299607	45.325	ng	95
88) Benzo(b)fluoranthene	23.004	252	4258531	41.910	ng	98
89) Benzo(k)fluoranthene	23.051	252	3929889	40.484	ng	98
90) Benzo(a)pyrene	23.627	252	4115889	42.708	ng	98
91) Dibenzo(a,h)anthracene	26.262	278	4585042	46.245	ng	# 97
92) Benzo(g,h,i)perylene	27.015	276	4649744	47.472	ng	# 95

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

