

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032522\
 Data File : BP009550.D
 Acq On : 25 Mar 2022 13:46
 Operator : CG/JU
 Sample : PB143484BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143484BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/28/2022

Quant Time: Mar 26 02:59:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	342376	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1453412	20.000	ng	0.00
39) Acenaphthene-d10	14.422	164	935177	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	1960403	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1960623	20.000	ng	0.00
86) Perylene-d12	23.698	264	2008006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2777081	141.616	ng	0.00
7) Phenol-d6	6.963	99	3572137	134.698	ng	0.00
23) Nitrobenzene-d5	8.928	82	2158352	78.915	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1625565	105.337	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	5137664	76.160	ng	0.00
79) Terphenyl-d14	19.769	244	8227535	75.321	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	259583	33.420	ng	99
3) Pyridine	3.699	79	702840	33.598	ng	98
4) n-Nitrosodimethylamine	3.611	42	342610	44.470	ng	99
6) Aniline	7.105	93	1214788	40.192	ng	98
8) 2-Chlorophenol	7.346	128	1034707	46.272	ng	96
9) Benzaldehyde	6.916	77	503486	39.590	ng	98
10) Phenol	6.993	94	1307180	49.132	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	924748	43.918	ng	98
12) 1,3-Dichlorobenzene	7.663	146	1018437	40.353	ng	99
13) 1,4-Dichlorobenzene	7.810	146	1040107	40.308	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1014333	40.669	ng	99
15) Benzyl Alcohol	8.022	79	880827	41.659	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.305	45	1062132	46.534	ng	96
17) 2-Methylphenol	8.234	107	854368	46.600	ng	99
18) Hexachloroethane	8.846	117	363741	40.222	ng	96
19) n-Nitroso-di-n-propyla...	8.587	70	732145	43.648	ng	98
20) 3+4-Methylphenols	8.563	107	1173780	46.560	ng	99
22) Acetophenone	8.599	105	1437974	39.974	ng	# 98
24) Nitrobenzene	8.975	77	1076000	41.646	ng	97
25) Isophorone	9.505	82	2065241	44.268	ng	98
26) 2-Nitrophenol	9.687	139	544683	40.445	ng	95
27) 2,4-Dimethylphenol	9.757	122	967989	50.938	ng	100
28) bis(2-Chloroethoxy)met...	9.987	93	1268885	41.772	ng	100
29) 2,4-Dichlorophenol	10.228	162	1002398	43.245	ng	99
30) 1,2,4-Trichlorobenzene	10.434	180	1014102	37.761	ng	99
31) Naphthalene	10.616	128	2970127	39.673	ng	99
32) Benzoic acid	9.952	122	614832	41.383	ng	95
33) 4-Chloroaniline	10.734	127	625254	20.467	ng	98
34) Hexachlorobutadiene	10.904	225	632369	34.752	ng	99
35) Caprolactam	11.540	113	312227m	39.912	ng	
36) 4-Chloro-3-methylphenol	11.881	107	1029485	41.331	ng	98
37) 2-Methylnaphthalene	12.234	142	2139371	40.728	ng	99
38) 1-Methylnaphthalene	12.451	142	2045656	39.977	ng	99
40) 1,2,4,5-Tetrachloroben...	12.610	216	1197861	38.606	ng	99
41) Hexachlorocyclopentadiene	12.587	237	1042270	77.426	ng	99
43) 2,4,6-Trichlorophenol	12.857	196	814598	39.609	ng	98

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44) 2,4,5-Trichlorophenol	12.934	196	881112	39.453	ng	98
46) 1,1'-Biphenyl	13.251	154	2800165	40.137	ng	99
47) 2-Chloronaphthalene	13.293	162	2180133	39.692	ng	99
48) 2-Nitroaniline	13.504	65	624985	41.778	ng	95
49) Acenaphthylene	14.140	152	3615799	42.644	ng	100
50) Dimethylphthalate	13.887	163	2749912	38.807	ng	100
51) 2,6-Dinitrotoluene	14.004	165	616056	41.494	ng	97
52) Acenaphthene	14.487	154	2026084	40.001	ng	100
53) 3-Nitroaniline	14.334	138	397254	25.332	ng	94
54) 2,4-Dinitrophenol	14.551	184	684577	74.532	ng	98
55) Dibenzofuran	14.822	168	3297689	38.754	ng	100
56) 4-Nitrophenol	14.669	139	990929	84.772	ng	100
57) 2,4-Dinitrotoluene	14.798	165	842992	41.294	ng	98
58) Fluorene	15.475	166	2611093	39.016	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	766069	37.837	ng	94
60) Diethylphthalate	15.257	149	2704474	38.134	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1390038	37.706	ng	97
62) 4-Nitroaniline	15.504	138	617930	37.521	ng	97
63) Azobenzene	15.763	77	2512747	40.729	ng	99
65) 4,6-Dinitro-2-methylph...	15.569	198	477021	37.841	ng	95
66) n-Nitrosodiphenylamine	15.692	169	2343727	40.399	ng	98
67) 4-Bromophenyl-phenylether	16.369	248	902664	37.629	ng	96
68) Hexachlorobenzene	16.492	284	1035193	37.495	ng	97
69) Atrazine	16.657	200	885259	43.401	ng	98
70) Pentachlorophenol	16.845	266	1215839	82.383	ng	99
71) Phenanthrene	17.228	178	4204179	40.062	ng	100
72) Anthracene	17.322	178	4227313	40.800	ng	99
73) Carbazole	17.592	167	3895696	38.446	ng	100
74) Di-n-butylphthalate	18.157	149	4635366	39.038	ng	99
75) Fluoranthene	19.210	202	4956523	39.013	ng	99
77) Benzidine	19.392	184	2149034	44.718	ng	99
78) Pyrene	19.563	202	5133323	39.733	ng	99
80) Butylbenzylphthalate	20.451	149	2110198	38.428	ng	96
81) Benzo(a)anthracene	21.286	228	5220298	40.527	ng	99
82) 3,3'-Dichlorobenzidine	21.222	252	1435075	28.839	ng	99
83) Chrysene	21.339	228	4740035	38.861	ng	99
84) Bis(2-ethylhexyl)phtha...	21.222	149	3020683	39.464	ng	# 98
85) Di-n-octyl phthalate	22.139	149	5294071	40.127	ng	98
87) Indeno(1,2,3-cd)pyrene	26.204	276	5410786	35.517	ng	97
88) Benzo(b)fluoranthene	22.969	252	5299577	44.210	ng	99
89) Benzo(k)fluoranthene	23.016	252	5133974	43.743	ng	98
90) Benzo(a)pyrene	23.592	252	5035313	49.096	ng	98
91) Dibenzo(a,h)anthracene	26.215	278	4794538	37.762	ng	97
92) Benzo(g,h,i)perylene	26.962	276	4610861	36.915	ng	96

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

