

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009330.D
 Acq On : 09 Mar 2022 18:43
 Operator : CG/JU
 Sample : N1830-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11986MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 04:10:59 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	391574	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1724923	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1224980	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	2885765	20.000	ng	0.00
76) Chrysene-d12	21.327	240	3100324	20.000	ng	0.00
86) Perylene-d12	23.733	264	3057568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	3560995	132.744	ng	0.00
7) Phenol-d6	6.992	99	4530442	132.896	ng	0.00
23) Nitrobenzene-d5	8.975	82	3164587	101.049	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2823383	190.876	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	7853517	88.166	ng	0.00
79) Terphenyl-d14	19.792	244	13614193	82.868	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	389483	34.109	ng	# 50
3) Pyridine	3.751	79	971224	39.906	ng	99
4) n-Nitrosodimethylamine	3.652	42	492679	48.540	ng	99
6) Aniline	7.145	93	1302683	30.168	ng	98
8) 2-Chlorophenol	7.387	128	1524637	55.484	ng	99
9) Benzaldehyde	6.957	77	792185m	36.472	ng	
10) Phenol	7.022	94	1778076	50.369	ng	99
11) bis(2-Chloroethyl)ether	7.245	93	1423124	52.092	ng	98
12) 1,3-Dichlorobenzene	7.710	146	1448467	44.741	ng	98
13) 1,4-Dichlorobenzene	7.851	146	1490288	45.370	ng	99
14) 1,2-Dichlorobenzene	8.169	146	1451848	46.247	ng	100
15) Benzyl Alcohol	8.057	79	1439919	59.893	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.351	45	1646720	46.437	ng	99
17) 2-Methylphenol	8.263	107	1314958	57.545	ng	99
18) Hexachloroethane	8.898	117	511741	44.763	ng	98
19) n-Nitroso-di-n-propyla...	8.628	70	1184219	57.597	ng	98
20) 3+4-Methylphenols	8.592	107	1805101	58.944	ng	99
22) Acetophenone	8.639	105	2252923	48.860	ng	99
24) Nitrobenzene	9.016	77	1703569	51.328	ng	99
25) Isophorone	9.545	82	3442705	58.770	ng	99
26) 2-Nitrophenol	9.728	139	824579	64.133	ng	96
27) 2,4-Dimethylphenol	9.792	122	1540837	54.487	ng	100
28) bis(2-Chloroethoxy)met...	10.028	93	2043558	53.308	ng	99
29) 2,4-Dichlorophenol	10.263	162	1600440	58.679	ng	99
30) 1,2,4-Trichlorobenzene	10.481	180	1522797	47.703	ng	99
31) Naphthalene	10.663	128	4615093	48.313	ng	100
32) Benzoic acid	9.951	122	1137941	79.230	ng	96
33) 4-Chloroaniline	10.769	127	471932	12.083	ng	98
34) Hexachlorobutadiene	10.957	225	923405	47.500	ng	99
35) Caprolactam	11.563	113	497294m	61.944	ng	
36) 4-Chloro-3-methylphenol	11.904	107	1800851	63.252	ng	100
37) 2-Methylnaphthalene	12.275	142	3448582	50.812	ng	99
38) 1-Methylnaphthalene	12.498	142	3344995	53.515	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	1881195	45.571	ng	99
41) Hexachlorocyclopentadiene	12.633	237	1649224	63.078	ng	100
43) 2,4,6-Trichlorophenol	12.886	196	1398599	56.425	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	1550237	57.019	ng	99
46) 1,1'-Biphenyl	13.292	154	4668854	46.682	ng	100
47) 2-Chloronaphthalene	13.327	162	3637056	48.011	ng	100
48) 2-Nitroaniline	13.533	65	1174092	67.407	ng	96
49) Acenaphthylene	14.180	152	6324322	54.032	ng	100
50) Dimethylphthalate	13.922	163	5070959	56.126	ng	99
51) 2,6-Dinitrotoluene	14.033	165	1143776	64.105	ng	97
52) Acenaphthene	14.522	154	4236735m	56.477	ng	
53) 3-Nitroaniline	14.357	138	735612	38.813	ng	98
54) 2,4-Dinitrophenol	14.569	184	1104616	144.587	ng	97
55) Dibenzofuran	14.857	168	5853687	51.512	ng	99
56) 4-Nitrophenol	14.680	139	2023434	128.378	ng	98
57) 2,4-Dinitrotoluene	14.822	165	1636848	71.650	ng	99
58) Fluorene	15.510	166	4762194	53.514	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	1425379	62.265	ng	97
60) Diethylphthalate	15.298	149	5210226	59.230	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	2453966	54.138	ng	97
62) 4-Nitroaniline	15.533	138	1227386	66.783	ng	99
63) Azobenzene	15.804	77	4802813	55.574	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	771980	60.819	ng	96
66) n-Nitrosodiphenylamine	15.721	169	4397865	48.549	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	1684813	54.115	ng	95
68) Hexachlorobenzene	16.527	284	1914819	52.435	ng	97
69) Atrazine	16.686	200	1724333	54.075	ng	99
70) Pentachlorophenol	16.868	266	2685439	122.181	ng	98
71) Phenanthrene	17.263	178	8205629	49.477	ng	99
72) Anthracene	17.351	178	8291600	50.229	ng	99
73) Carbazole	17.621	167	8000650	53.190	ng	100
74) Di-n-butylphthalate	18.192	149	9611524	57.733	ng	99
75) Fluoranthene	19.239	202	10373793	54.192	ng	99
77) Benzidine	19.415	184	2225881	20.569	ng	99
78) Pyrene	19.592	202	10593416	50.607	ng	98
80) Butylbenzylphthalate	20.480	149	4830894	63.938	ng	96
81) Benzo(a)anthracene	21.309	228	10933687	52.031	ng	98
82) 3,3'-Dichlorobenzidine	21.245	252	3492531	45.277	ng	97
83) Chrysene	21.368	228	9891457	48.482	ng	98
84) Bis(2-ethylhexyl)phtha...	21.251	149	6987492	57.825	ng	# 98
85) Di-n-octyl phthalate	22.180	149	12364815	62.499	ng	99
87) Indeno(1,2,3-cd)pyrene	26.244	276	10656679	44.859	ng	98
88) Benzo(b)fluoranthene	23.003	252	11091101	53.725	ng	99
89) Benzo(k)fluoranthene	23.050	252	10165772	51.544	ng	98
90) Benzo(a)pyrene	23.627	252	10098059	51.573	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	9438604	46.857	ng	98
92) Benzo(g,h,i)perylene	27.015	276	9016782	45.311	ng	98

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

