

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009325.D
 Acq On : 09 Mar 2022 15:54
 Operator : CG/JU
 Sample : N1851-05MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUM-36MS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Mar 10 04:09:50 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	568236	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	2426071	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1535883	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	3213504	20.000	ng	0.00
76) Chrysene-d12	21.327	240	3021904	20.000	ng	0.00
86) Perylene-d12	23.733	264	2801713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	4761626	122.316	ng	0.00
7) Phenol-d6	6.999	99	6251502	126.369	ng	0.01
23) Nitrobenzene-d5	8.975	82	3865387	87.755	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	2772446	149.491	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	8545126	76.512	ng	0.00
79) Terphenyl-d14	19.792	244	12330115	76.999	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	506362	30.558	ng	99
3) Pyridine	3.734	79	1461937	41.394	ng	99
4) n-Nitrosodimethylamine	3.646	42	655769	44.521	ng	97
6) Aniline	7.146	93	2190798	34.962	ng	98
8) 2-Chlorophenol	7.387	128	2054814	51.530	ng	98
9) Benzaldehyde	6.958	77	1181095m	37.472	ng	
10) Phenol	7.022	94	2705433	52.812	ng	98
11) bis(2-Chloroethyl)ether	7.246	93	1900725	47.944	ng	98
12) 1,3-Dichlorobenzene	7.710	146	2033506	43.284	ng	99
13) 1,4-Dichlorobenzene	7.852	146	2092136	43.891	ng	99
14) 1,2-Dichlorobenzene	8.169	146	2021591	44.375	ng	99
15) Benzyl Alcohol	8.058	79	1816534	52.068	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	2190886	42.575	ng	98
17) 2-Methylphenol	8.269	107	1720185	51.875	ng	99
18) Hexachloroethane	8.899	117	740517	44.636	ng	97
19) n-Nitroso-di-n-propyla...	8.634	70	1473963	49.402	ng	98
20) 3+4-Methylphenols	8.593	107	2333440	52.507	ng	99
22) Acetophenone	8.640	105	2882678	44.449	ng	99
24) Nitrobenzene	9.016	77	2184608	46.799	ng	97
25) Isophorone	9.552	82	4177114	50.699	ng	99
26) 2-Nitrophenol	9.728	139	1095205	60.563	ng	95
27) 2,4-Dimethylphenol	9.799	122	1969456	49.517	ng	99
28) bis(2-Chloroethoxy)met...	10.028	93	2554441	47.377	ng	99
29) 2,4-Dichlorophenol	10.263	162	1994068	51.981	ng	100
30) 1,2,4-Trichlorobenzene	10.481	180	2062543	45.938	ng	100
31) Naphthalene	10.663	128	6004536	44.692	ng	99
32) Benzoic acid	9.969	122	1495158	74.016	ng	97
33) 4-Chloroaniline	10.769	127	1122207	20.429	ng	98
34) Hexachlorobutadiene	10.963	225	1288307	47.118	ng	99
35) Caprolactam	11.575	113	637671m	56.474	ng	
36) 4-Chloro-3-methylphenol	11.904	107	2100215	52.448	ng	100
37) 2-Methylnaphthalene	12.275	142	4276888	44.804	ng	99
38) 1-Methylnaphthalene	12.498	142	4136990	47.058	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	2356094	45.521	ng	99
41) Hexachlorocyclopentadiene	12.634	237	2452891	74.825	ng	99
43) 2,4,6-Trichlorophenol	12.887	196	1656368	53.298	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	1779575	52.205	ng	98
46) 1,1'-Biphenyl	13.293	154	5551893	44.275	ng	100
47) 2-Chloronaphthalene	13.334	162	4310691	45.385	ng	99
48) 2-Nitroaniline	13.534	65	1270819	58.191	ng	94
49) Acenaphthylene	14.181	152	7237049	49.314	ng	100
50) Dimethylphthalate	13.922	163	5446773	48.082	ng	99
51) 2,6-Dinitrotoluene	14.034	165	1240307	55.444	ng	96
52) Acenaphthene	14.522	154	4796233m	50.993	ng	03/10/2022
53) 3-Nitroaniline	14.363	138	1021090	42.970	ng	95
54) 2,4-Dinitrophenol	14.569	184	1308115	136.564	ng	97
55) Dibenzofuran	14.863	168	6521820	45.774	ng	100
56) 4-Nitrophenol	14.681	139	2212341	111.950	ng	99
57) 2,4-Dinitrotoluene	14.822	165	1679089	58.621	ng	98
58) Fluorene	15.510	166	5168034	46.319	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1546031	53.864	ng	96
60) Diethylphthalate	15.292	149	5540969	50.239	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	2726602	47.976	ng	97
62) 4-Nitroaniline	15.534	138	1246649	54.101	ng	99
63) Azobenzene	15.804	77	5148960	47.519	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	835461	59.107	ng	95
66) n-Nitrosodiphenylamine	15.722	169	4661799	46.214	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	1808206	52.155	ng	95
68) Hexachlorobenzene	16.528	284	2035671	50.060	ng	96
69) Atrazine	16.686	200	1729147	48.696	ng	99
70) Pentachlorophenol	16.869	266	2721995	111.213	ng	99
71) Phenanthrene	17.263	178	8442440	45.713	ng	99
72) Anthracene	17.351	178	8416084	45.783	ng	99
73) Carbazole	17.622	167	7743251	46.229	ng	99
74) Di-n-butylphthalate	18.192	149	9644048	52.021	ng	99
75) Fluoranthene	19.239	202	10671063	50.060	ng	99
77) Benzidine	19.422	184	4662346	44.203	ng	99
78) Pyrene	19.592	202	10664723	52.270	ng	98
80) Butylbenzylphthalate	20.480	149	4595962	62.407	ng	96
81) Benzo(a)anthracene	21.310	228	10247431	50.031	ng	98
82) 3,3'-Dichlorobenzidine	21.245	252	3258949	43.345	ng	98
83) Chrysene	21.363	228	9301695	46.774	ng	98
84) Bis(2-ethylhexyl)phtha...	21.251	149	7197070	61.105	ng	# 98
85) Di-n-octyl phthalate	22.180	149	11315106	58.677	ng	99
87) Indeno(1,2,3-cd)pyrene	26.245	276	9230579	42.405	ng	98
88) Benzo(b)fluoranthene	23.004	252	10010620	52.919	ng	99
89) Benzo(k)fluoranthene	23.051	252	8745709	48.394	ng	99
90) Benzo(a)pyrene	23.627	252	8849765	49.325	ng	99
91) Dibenzo(a,h)anthracene	26.262	278	7761208	42.048	ng	98
92) Benzo(g,h,i)perylene	27.009	276	7878179	43.204	ng	98

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

