

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137973.D
 Acq On : 21 May 2024 12:22
 Operator : CG\JU
 Sample : PB160974BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160974BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 12:47:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	154370	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	606523	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	339468	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	587011	20.000	ng	0.00
76) Chrysene-d12	14.227	240	339457	20.000	ng	0.00
86) Perylene-d12	15.786	264	297414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1132865	124.657	ng	0.00
7) Phenol-d6	6.657	99	1391759	124.322	ng	0.00
23) Nitrobenzene-d5	7.598	82	859196	83.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	480769	140.459	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1828783	82.984	ng	0.00
79) Terphenyl-d14	13.163	244	2047624	88.900	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	142418	36.175	ng	98
3) Pyridine	3.775	79	344409	38.988	ng	99
4) n-Nitrosodimethylamine	3.740	42	172355	44.228	ng	96
6) Aniline	6.698	93	328015m	32.759	ng	
8) 2-Chlorophenol	6.816	128	456031	46.369	ng	98
9) Benzaldehyde	6.592	77	374337	61.806	ng	97
10) Phenol	6.669	94	513251	45.422	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	403062	46.458	ng	98
12) 1,3-Dichlorobenzene	6.975	146	481649	42.328	ng	98
13) 1,4-Dichlorobenzene	7.051	146	489588	42.865	ng	99
14) 1,2-Dichlorobenzene	7.204	146	469369	43.663	ng	99
15) Benzyl Alcohol	7.169	79	373902	50.018	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.298	45	497366	46.637	ng	99
17) 2-Methylphenol	7.275	107	358453	45.702	ng	99
18) Hexachloroethane	7.545	117	167171	43.252	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	291340	46.322	ng	97
20) 3+4-Methylphenols	7.428	107	462898	45.051	ng	93
22) Acetophenone	7.445	105	606505	44.638	ng	99
24) Nitrobenzene	7.616	77	443135	42.384	ng	96
25) Isophorone	7.851	82	818697	45.770	ng	99
26) 2-Nitrophenol	7.934	139	240565	45.792	ng	97
27) 2,4-Dimethylphenol	7.957	122	338187	50.001	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	489160	45.122	ng	99
29) 2,4-Dichlorophenol	8.169	162	394780	46.416	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	406221	42.776	ng	98
31) Naphthalene	8.339	128	1327340	43.525	ng	99
32) Benzoic acid	8.081	122	299871	52.448	ng	99
33) 4-Chloroaniline	8.381	127	164925	16.497	ng	100
34) Hexachlorobutadiene	8.451	225	255032	42.429	ng	100
35) Caprolactam	8.763	113	124646m	50.584	ng	
36) 4-Chloro-3-methylphenol	8.863	107	406634	46.998	ng	99
37) 2-Methylnaphthalene	9.034	142	879352	44.858	ng	98
38) 1-Methylnaphthalene	9.133	142	812387	42.155	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	412684	44.717	ng	98
41) Hexachlorocyclopentadiene	9.186	237	456265	130.111	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	292657	48.364	ng	99

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44) 2,4,5-Trichlorophenol	9.351	196	307485	46.441	ng	98
46) 1,1'-Biphenyl	9.498	154	1078395	45.292	ng	99
47) 2-Chloronaphthalene	9.528	162	840490	44.221	ng	98
48) 2-Nitroaniline	9.622	65	226952	46.630	ng	93
49) Acenaphthylene	9.945	152	1323828	48.440	ng	99
50) Dimethylphthalate	9.798	163	1000228	46.987	ng	100
51) 2,6-Dinitrotoluene	9.863	165	222132	45.465	ng	97
52) Acenaphthene	10.122	154	900020	49.827	ng	99
53) 3-Nitroaniline	10.033	138	157436	32.962	ng	98
54) 2,4-Dinitrophenol	10.139	184	243374	91.142	ng	# 83
55) Dibenzofuran	10.292	168	1211030	46.068	ng	100
56) 4-Nitrophenol	10.186	139	362998	105.815	ng	96
57) 2,4-Dinitrotoluene	10.269	165	304081	48.143	ng	92
58) Fluorene	10.633	166	956278	45.991	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	259595	49.910	ng	99
60) Diethylphthalate	10.498	149	947310	47.649	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	477307	46.549	ng	97
62) 4-Nitroaniline	10.657	138	203641	44.952	ng	97
63) Azobenzene	10.786	77	858912	47.496	ng	98
65) 4,6-Dinitro-2-methylph...	10.675	198	172516	50.898	ng	90
66) n-Nitrosodiphenylamine	10.745	169	829341	46.070	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	299662	46.565	ng	95
68) Hexachlorobenzene	11.180	284	319252	44.880	ng	# 91
69) Atrazine	11.269	200	283907	57.755	ng	99
70) Pentachlorophenol	11.375	266	409167	98.196	ng	99
71) Phenanthrene	11.604	178	1330616	45.999	ng	99
72) Anthracene	11.657	178	1347001	46.932	ng	99
73) Carbazole	11.810	167	1191599	45.449	ng	100
74) Di-n-butylphthalate	12.127	149	1458267	50.118	ng	100
75) Fluoranthene	12.798	202	1358210	46.258	ng	99
77) Benzidine	12.910	184	56396	12.712	ng	99
78) Pyrene	13.027	202	1370925	46.174	ng	99
80) Butylbenzylphthalate	13.633	149	488223	54.517	ng	99
81) Benzo(a)anthracene	14.216	228	1038407	48.352	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	208848	35.091	ng	98
83) Chrysene	14.257	228	976716	47.554	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	606287	53.856	ng	100
85) Di-n-octyl phthalate	14.815	149	880249	57.880	ng	100
87) Indeno(1,2,3-cd)pyrene	17.421	276	1026147	53.703	ng	99
88) Benzo(b)fluoranthene	15.321	252	825805	47.955	ng	99
89) Benzo(k)fluoranthene	15.351	252	820959	48.527	ng	99
90) Benzo(a)pyrene	15.721	252	757627	51.523	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	843322	53.418	ng	98
92) Benzo(g,h,i)perylene	17.915	276	811915	48.956	ng	99

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

