

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
 Data File : BF128745.D
 Acq On : 09 Jun 2022 13:03
 Operator : CG\JU
 Sample : PB145411BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145411BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/10/2022
 Supervised By : Jagrut Upadhyay 06/10/2022

Quant Time: Jun 10 03:28:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	93950	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	361338	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	199836	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	367884	20.000	ng	0.00
76) Chrysene-d12	13.992	240	265325	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	202599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	669329	113.478	ng	0.02
7) Phenol-d6	6.481	99	827238	114.896	ng	0.00
23) Nitrobenzene-d5	7.381	82	594916	76.655	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	265744	112.548	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1128450	79.102	ng	0.00
79) Terphenyl-d14	12.933	244	1277390	83.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	74192	33.882	ng	# 93
3) Pyridine	3.440	79	197428	33.940	ng	90
4) n-Nitrosodimethylamine	3.404	42	157238	38.980	ng	# 79
6) Aniline	6.481	93	272868	35.141	ng	# 47
8) 2-Chlorophenol	6.610	128	263639	43.682	ng	96
9) Benzaldehyde	6.363	77	147009	33.515	ng	93
10) Phenol	6.492	94	325427	42.759	ng	86
11) bis(2-Chloroethyl)ether	6.551	93	247282	44.340	ng	98
12) 1,3-Dichlorobenzene	6.751	146	292993	41.993	ng	97
13) 1,4-Dichlorobenzene	6.828	146	301060	42.724	ng	98
14) 1,2-Dichlorobenzene	6.981	146	283606	43.024	ng	98
15) Benzyl Alcohol	6.969	79	252771	41.960	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.086	45	374507	40.758	ng	# 19
17) 2-Methylphenol	7.092	107	212104	44.466	ng	# 86
18) Hexachloroethane	7.322	117	113195	43.177	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	198671	44.380	ng	99
20) 3+4-Methylphenols	7.245	107	278110	43.671	ng	# 79
22) Acetophenone	7.228	105	391805	41.458	ng	96
24) Nitrobenzene	7.398	77	304806	42.779	ng	93
25) Isophorone	7.639	82	521088	44.208	ng	96
26) 2-Nitrophenol	7.716	139	137795	43.894	ng	# 89
27) 2,4-Dimethylphenol	7.763	122	232604	48.641	ng	95
28) bis(2-Chloroethoxy)met...	7.845	93	301752	40.496	ng	99
29) 2,4-Dichlorophenol	7.969	162	227959	41.187	ng	98
30) 1,2,4-Trichlorobenzene	8.039	180	252251	40.477	ng	100
31) Naphthalene	8.122	128	774078	41.743	ng	99
32) Benzoic acid	7.916	122	87885	25.904	ng	92
33) 4-Chloroaniline	8.169	127	188375	26.943	ng	95
34) Hexachlorobutadiene	8.233	225	176677	39.975	ng	99
35) Caprolactam	8.557	113	63362m	41.400	ng	
36) 4-Chloro-3-methylphenol	8.681	107	249688	41.337	ng	96
37) 2-Methylnaphthalene	8.810	142	491775	41.693	ng	98
38) 1-Methylnaphthalene	8.910	142	471474	41.372	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	263186	42.406	ng	99
41) Hexachlorocyclopentadiene	8.963	237	318038	85.251	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	160066	38.138	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	165276	38.106	ng	94
46) 1,1'-Biphenyl	9.280	154	623199	41.563	ng	98
47) 2-Chloronaphthalene	9.304	162	482561	42.177	ng	98
48) 2-Nitroaniline	9.404	65	170081	43.472	ng	92
49) Acenaphthylene	9.722	152	778020	44.418	ng	100
50) Dimethylphthalate	9.586	163	574040	41.967	ng	99
51) 2,6-Dinitrotoluene	9.645	165	123743	45.836	ng	# 81
52) Acenaphthene	9.892	154	525965m	46.111	ng	
53) 3-Nitroaniline	9.816	138	84449	28.822	ng	97
54) 2,4-Dinitrophenol	9.933	184	119475	79.454	ng	# 83
55) Dibenzofuran	10.063	168	667225	40.702	ng	92
56) 4-Nitrophenol	10.016	139	154303	72.650	ng	# 65
57) 2,4-Dinitrotoluene	10.051	165	168347	46.726	ng	# 85
58) Fluorene	10.410	166	537982	42.317	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	138036	38.531	ng	98
60) Diethylphthalate	10.286	149	568798	41.374	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	267930	40.633	ng	92
62) 4-Nitroaniline	10.439	138	124669	42.023	ng	# 82
63) Azobenzene	10.557	77	537359	39.705	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	86968	40.058	ng	97
66) n-Nitrosodiphenylamine	10.522	169	486874	43.058	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	173608	42.317	ng	93
68) Hexachlorobenzene	10.957	284	200000	43.896	ng	# 92
69) Atrazine	11.051	200	169612	46.645	ng	95
70) Pentachlorophenol	11.163	266	151581	66.648	ng	99
71) Phenanthrene	11.374	178	782566	42.410	ng	98
72) Anthracene	11.421	178	802089	43.917	ng	100
73) Carbazole	11.580	167	706769	41.664	ng	99
74) Di-n-butylphthalate	11.910	149	883365	42.770	ng	99
75) Fluoranthene	12.563	202	852149	44.180	ng	96
77) Benzidine	12.686	184	390836	73.894	ng	98
78) Pyrene	12.792	202	853128	43.218	ng	99
80) Butylbenzylphthalate	13.410	149	354615	42.777	ng	94
81) Benzo(a)anthracene	13.980	228	743515	44.956	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	179903	50.845	ng	98
83) Chrysene	14.021	228	682050	43.257	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	484323	44.940	ng	100
85) Di-n-octyl phthalate	14.580	149	755371	46.537	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	476578	39.028	ng	# 91
88) Benzo(b)fluoranthene	15.027	252	621570	48.013	ng	# 98
89) Benzo(k)fluoranthene	15.062	252	542574	44.553	ng	# 95
90) Benzo(a)pyrene	15.392	252	525233	51.620	ng	# 97
91) Dibenzo(a,h)anthracene	16.933	278	423088	41.771	ng	# 95
92) Benzo(g,h,i)perylene	17.356	276	396510	39.498	ng	# 93

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

