

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127001.D
 Acq On : 22 Feb 2022 10:59
 Operator : CG\JU
 Sample : PB142776BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142776BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2022
 Supervised By : Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 12:25:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	85482	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	351507	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	185515	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	342074	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	245139	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	183050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	674478	121.950	ng	0.00
7) Phenol-d6	6.546	99	880651	118.003	ng	0.00
23) Nitrobenzene-d5	7.487	82	623760	80.098	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	297191	139.137	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1028402	81.609	ng	0.00
79) Terphenyl-d14	13.039	244	1306608	78.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	85584	33.817	ng	97
3) Pyridine	3.563	79	206850	31.160	ng	89
4) n-Nitrosodimethylamine	3.528	42	139733	42.971	ng	# 70
6) Aniline	6.581	93	273203	30.897	ng	93
8) 2-Chlorophenol	6.704	128	267222	45.030	ng	95
9) Benzaldehyde	6.475	77	171525	37.758	ng	96
10) Phenol	6.557	94	333771	44.262	ng	83
11) bis(2-Chloroethyl)ether	6.657	93	249508	42.186	ng	98
12) 1,3-Dichlorobenzene	6.857	146	275764	43.079	ng	97
13) 1,4-Dichlorobenzene	6.934	146	278109	42.854	ng	97
14) 1,2-Dichlorobenzene	7.087	146	266574	43.074	ng	97
15) Benzyl Alcohol	7.057	79	267335	42.521	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.187	45	359385	38.588	ng	96
17) 2-Methylphenol	7.163	107	225444	43.910	ng	# 93
18) Hexachloroethane	7.428	117	107239	43.110	ng	94
19) n-Nitroso-di-n-propyla...	7.328	70	207152	43.077	ng	97
20) 3+4-Methylphenols	7.316	107	294148	44.120	ng	# 83
22) Acetophenone	7.328	105	399941	43.214	ng	94
24) Nitrobenzene	7.504	77	319022	43.365	ng	97
25) Isophorone	7.740	82	567070	44.006	ng	# 98
26) 2-Nitrophenol	7.816	139	139255	44.459	ng	# 77
27) 2,4-Dimethylphenol	7.845	122	247826	48.163	ng	87
28) bis(2-Chloroethoxy)met...	7.945	93	316766	40.547	ng	98
29) 2,4-Dichlorophenol	8.057	162	211389	43.696	ng	99
30) 1,2,4-Trichlorobenzene	8.140	180	225459	41.686	ng	96
31) Naphthalene	8.222	128	780612	42.542	ng	99
32) Benzoic acid	7.969	122	158880	43.538	ng	87
33) 4-Chloroaniline	8.269	127	102895	14.247	ng	97
34) Hexachlorobutadiene	8.334	225	135477	42.906	ng	98
35) Caprolactam	8.645	113	77563m	45.912	ng	
36) 4-Chloro-3-methylphenol	8.751	107	282364	45.670	ng	95
37) 2-Methylnaphthalene	8.916	142	523917	44.003	ng	98
38) 1-Methylnaphthalene	9.016	142	493371	43.272	ng	97
40) 1,2,4,5-Tetrachloroben...	9.081	216	214664	43.958	ng	97
41) Hexachlorocyclopentadiene	9.063	237	277420	104.743	ng	94
43) 2,4,6-Trichlorophenol	9.192	196	154349	43.094	ng	98

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44) 2,4,5-Trichlorophenol	9.234	196	161359	42.812	ng	91
46) 1,1'-Biphenyl	9.381	154	631882	42.991	ng	97
47) 2-Chloronaphthalene	9.404	162	465736	42.730	ng	93
48) 2-Nitroaniline	9.504	65	189943	44.161	ng	97
49) Acenaphthylene	9.828	152	796832	45.007	ng	98
50) Dimethylphthalate	9.681	163	577546	43.554	ng	100
51) 2,6-Dinitrotoluene	9.745	165	126093	46.738	ng	90
52) Acenaphthene	9.998	154	573468m	49.805	ng	
53) 3-Nitroaniline	9.910	138	73522	22.294	ng	# 95
54) 2,4-Dinitrophenol	10.022	184	141870	99.351	ng	# 88
55) Dibenzofuran	10.169	168	675313	42.653	ng	92
56) 4-Nitrophenol	10.075	139	226392	92.947	ng	# 74
57) 2,4-Dinitrotoluene	10.151	165	171355	46.976	ng	# 98
58) Fluorene	10.510	166	554479	44.959	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	135648	45.397	ng	# 95
60) Diethylphthalate	10.381	149	613715	44.293	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	252683	43.451	ng	92
62) 4-Nitroaniline	10.534	138	138801	42.622	ng	# 75
63) Azobenzene	10.663	77	649171	42.075	ng	93
65) 4,6-Dinitro-2-methylph...	10.557	198	87807	43.687	ng	92
66) n-Nitrosodiphenylamine	10.622	169	478868	42.692	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	164083	42.931	ng	94
68) Hexachlorobenzene	11.057	284	184948	44.950	ng	# 91
69) Atrazine	11.145	200	165183	47.481	ng	98
70) Pentachlorophenol	11.251	266	212756	94.725	ng	97
71) Phenanthrene	11.475	178	845356	44.152	ng	99
72) Anthracene	11.528	178	856501	44.935	ng	99
73) Carbazole	11.681	167	749795	42.895	ng	97
74) Di-n-butylphthalate	12.004	149	971401	43.228	ng	99
75) Fluoranthene	12.669	202	852350	46.885	ng	94
77) Benzidine	12.786	184	300315	45.080	ng	97
78) Pyrene	12.898	202	858499	40.310	ng	98
80) Butylbenzylphthalate	13.510	149	407910	40.457	ng	89
81) Benzo(a)anthracene	14.086	228	717078	43.390	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	110464	21.209	ng	# 97
83) Chrysene	14.122	228	679612	43.731	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	562270	42.477	ng	# 97
85) Di-n-octyl phthalate	14.680	149	865249	45.399	ng	96
87) Indeno(1,2,3-cd)pyrene	17.115	276	494630	41.209	ng	# 85
88) Benzo(b)fluoranthene	15.151	252	590617	48.040	ng	# 91
89) Benzo(k)fluoranthene	15.180	252	579454	48.865	ng	# 94
90) Benzo(a)pyrene	15.533	252	521487	54.304	ng	# 93
91) Dibenzo(a,h)anthracene	17.139	278	419596	42.268	ng	# 89
92) Benzo(g,h,i)perylene	17.586	276	414050	42.308	ng	# 86

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

