

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127541.D
 Acq On : 28 Mar 2022 14:47
 Operator : CG\JU
 Sample : PB143603BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143603BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : mohammad ahmed 03/29/2022

Quant Time: Mar 29 07:15:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	111115	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	414017	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	235261	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	400962	20.000	ng	0.00
76) Chrysene-d12	14.016	240	255812	20.000	ng	0.00
86) Perylene-d12	15.492	264	199077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	798357	114.688	ng	0.02
7) Phenol-d6	6.481	99	1071293	112.586	ng	0.00
23) Nitrobenzene-d5	7.410	82	741397	76.547	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	272448	108.713	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1229911	76.339	ng	0.00
79) Terphenyl-d14	12.951	244	1278220	81.797	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	121475	39.732	ng	95
3) Pyridine	3.475	79	259409	30.061	ng	95
4) n-Nitrosodimethylamine	3.428	42	212912	44.938	ng	98
6) Aniline	6.504	93	404109	35.588	ng	# 89
8) 2-Chlorophenol	6.628	128	322509	45.337	ng	99
9) Benzaldehyde	6.392	77	197181	40.541	ng	99
10) Phenol	6.498	94	440153	42.475	ng	# 75
11) bis(2-Chloroethyl)ether	6.575	93	347775	45.866	ng	100
12) 1,3-Dichlorobenzene	6.775	146	328270	41.029	ng	97
13) 1,4-Dichlorobenzene	6.851	146	334316	41.540	ng	99
14) 1,2-Dichlorobenzene	7.004	146	316654	40.397	ng	99
15) Benzyl Alcohol	6.987	79	324204	46.883	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	608493	44.596	ng	89
17) 2-Methylphenol	7.098	107	259105	43.159	ng	# 92
18) Hexachloroethane	7.339	117	129514	43.957	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	248824	43.625	ng	98
20) 3+4-Methylphenols	7.251	107	309263	41.766	ng	93
22) Acetophenone	7.251	105	436630	41.257	ng	97
24) Nitrobenzene	7.428	77	392015	42.440	ng	99
25) Isophorone	7.663	82	696293	45.137	ng	100
26) 2-Nitrophenol	7.739	139	163020	42.081	ng	100
27) 2,4-Dimethylphenol	7.775	122	282206	48.428	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	427863	42.697	ng	98
29) 2,4-Dichlorophenol	7.987	162	275617	41.663	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	309299	40.123	ng	97
31) Naphthalene	8.139	128	905754	41.207	ng	98
32) Benzoic acid	7.945	122	159573m	47.691	ng	
33) 4-Chloroaniline	8.198	127	175220	20.571	ng	97
34) Hexachlorobutadiene	8.245	225	193927	39.616	ng	97
35) Caprolactam	8.586	113	83187m	40.789	ng	
36) 4-Chloro-3-methylphenol	8.686	107	301980	42.073	ng	98
37) 2-Methylnaphthalene	8.834	142	609867	43.149	ng	100
38) 1-Methylnaphthalene	8.934	142	558328	39.949	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	315406	42.165	ng	99
41) Hexachlorocyclopentadiene	8.975	237	215235	82.177	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	190538	42.139	ng	97

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44) 2,4,5-Trichlorophenol	9.163	196	197554	42.444	ng	98
46) 1,1'-Biphenyl	9.298	154	741185	41.714	ng	99
47) 2-Chloronaphthalene	9.322	162	568895	40.658	ng	97
48) 2-Nitroaniline	9.433	65	224658	41.894	ng	94
49) Acenaphthylene	9.739	152	845554	39.973	ng	100
50) Dimethylphthalate	9.604	163	690645	42.198	ng	100
51) 2,6-Dinitrotoluene	9.675	165	147652	42.977	ng	# 84
52) Acenaphthene	9.910	154	511978	41.483	ng	98
53) 3-Nitroaniline	9.845	138	104533	27.738	ng	97
54) 2,4-Dinitrophenol	9.963	184	126904	73.929	ng	97
55) Dibenzofuran	10.086	168	740398	41.304	ng	98
56) 4-Nitrophenol	10.028	139	151177	78.816	ng	94
57) 2,4-Dinitrotoluene	10.080	165	180413	40.798	ng	92
58) Fluorene	10.428	166	603867	42.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	167764	40.767	ng	98
60) Diethylphthalate	10.298	149	625715	41.857	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	325106	38.434	ng	96
62) 4-Nitroaniline	10.469	138	136235	38.593	ng	98
63) Azobenzene	10.575	77	715370	40.557	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	99202	40.208	ng	96
66) n-Nitrosodiphenylamine	10.539	169	528215	43.277	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	197257	42.137	ng	93
68) Hexachlorobenzene	10.975	284	220125	43.078	ng	95
69) Atrazine	11.069	200	199330	49.056	ng	98
70) Pentachlorophenol	11.175	266	165467	83.543	ng	99
71) Phenanthrene	11.392	178	858176	41.053	ng	99
72) Anthracene	11.445	178	881040	42.472	ng	99
73) Carbazole	11.604	167	774843	39.058	ng	99
74) Di-n-butylphthalate	11.916	149	965209	47.004	ng	99
75) Fluoranthene	12.586	202	948299	41.245	ng	99
77) Benzidine	12.710	184	326265	53.490	ng	99
78) Pyrene	12.816	202	929992	42.360	ng	100
80) Butylbenzylphthalate	13.421	149	359774	49.791	ng	93
81) Benzo(a)anthracene	14.004	228	694344	40.587	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	147968	29.430	ng	96
83) Chrysene	14.045	228	680995	42.038	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	454533	54.418	ng	99
85) Di-n-octyl phthalate	14.586	149	695142	62.541	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	562864	41.784	ng	99
88) Benzo(b)fluoranthene	15.057	252	583292	46.469	ng	98
89) Benzo(k)fluoranthene	15.086	252	549234	42.208	ng	97
90) Benzo(a)pyrene	15.433	252	542842	52.696	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	484113	43.529	ng	99
92) Benzo(g,h,i)perylene	17.445	276	481760	41.909	ng	98

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

