

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127164.D
 Acq On : 03 Mar 2022 11:43
 Operator : CG\JU
 Sample : PB143032BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143032BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

03/04/2022

Supervised By :Jagrut
 Upadhyay

03/04/2022

Quant Time: Mar 03 16:58:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	91038	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	377569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	194111	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	360497	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	244746	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	181728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	737737	125.247	ng	0.01
7) Phenol-d6	6.528	99	944455	118.829	ng	0.00
23) Nitrobenzene-d5	7.457	82	655949	78.417	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	312317	139.744	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1105817	83.866	ng	0.00
79) Terphenyl-d14	13.016	244	1390385	83.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	102606	38.068	ng	98
3) Pyridine	3.510	79	255354	36.120	ng	94
4) n-Nitrosodimethylamine	3.475	42	161686	46.687	ng	80
6) Aniline	6.557	93	340105	36.115	ng	96
8) 2-Chlorophenol	6.681	128	282866	44.757	ng	93
9) Benzaldehyde	6.445	77	169168	34.966	ng	99
10) Phenol	6.540	94	365803	45.549	ng	78
11) bis(2-Chloroethyl)ether	6.628	93	262745	41.713	ng	100
12) 1,3-Dichlorobenzene	6.834	146	296265	43.457	ng	98
13) 1,4-Dichlorobenzene	6.910	146	301562	43.632	ng	97
14) 1,2-Dichlorobenzene	7.057	146	289446	43.915	ng	98
15) Benzyl Alcohol	7.034	79	265153	39.600	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	351034	35.391	ng	88
17) 2-Methylphenol	7.145	107	249217	45.578	ng	# 91
18) Hexachloroethane	7.398	117	116612	44.017	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	208852	40.780	ng	98
20) 3+4-Methylphenols	7.298	107	300787	42.362	ng	92
22) Acetophenone	7.304	105	411884	41.432	ng	# 98
24) Nitrobenzene	7.481	77	333971	42.263	ng	98
25) Isophorone	7.716	82	574062	41.473	ng	# 97
26) 2-Nitrophenol	7.792	139	149192	44.344	ng	# 81
27) 2,4-Dimethylphenol	7.828	122	262142	47.428	ng	93
28) bis(2-Chloroethoxy)met...	7.922	93	323018	38.493	ng	98
29) 2,4-Dichlorophenol	8.034	162	223673	43.044	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	245852	42.319	ng	99
31) Naphthalene	8.198	128	828987	42.060	ng	99
32) Benzoic acid	7.957	122	156906	40.029	ng	91
33) 4-Chloroaniline	8.245	127	189824	24.469	ng	97
34) Hexachlorobutadiene	8.304	225	145038	42.763	ng	99
35) Caprolactam	8.628	113	77930m	42.945	ng	
36) 4-Chloro-3-methylphenol	8.734	107	290190	43.696	ng	97
37) 2-Methylnaphthalene	8.886	142	554431	43.351	ng	97
38) 1-Methylnaphthalene	8.986	142	515818	42.118	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	231956	45.395	ng	99
41) Hexachlorocyclopentadiene	9.039	237	264859	95.572	ng	95
43) 2,4,6-Trichlorophenol	9.169	196	157635	42.062	ng	98

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44) 2,4,5-Trichlorophenol	9.210	196	174036	44.131	ng	96
46) 1,1'-Biphenyl	9.357	154	662517	43.079	ng	96
47) 2-Chloronaphthalene	9.381	162	485774	42.595	ng	94
48) 2-Nitroaniline	9.481	65	189403	42.086	ng	98
49) Acenaphthylene	9.798	152	818724	44.195	ng	99
50) Dimethylphthalate	9.657	163	590024	42.525	ng	# 98
51) 2,6-Dinitrotoluene	9.722	165	130203	46.124	ng	# 85
52) Acenaphthene	9.969	154	577194m	47.909	ng	
53) 3-Nitroaniline	9.892	138	102883	29.816	ng	96
54) 2,4-Dinitrophenol	10.004	184	138950	92.997	ng	# 87
55) Dibenzofuran	10.145	168	692604	41.807	ng	93
56) 4-Nitrophenol	10.063	139	214097	84.007	ng	# 78
57) 2,4-Dinitrotoluene	10.128	165	177993	46.634	ng	# 95
58) Fluorene	10.486	166	561102	43.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	139021	44.465	ng	92
60) Diethylphthalate	10.357	149	608707	41.986	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	262130	43.079	ng	96
62) 4-Nitroaniline	10.516	138	145404	42.672	ng	# 79
63) Azobenzene	10.639	77	621878	38.521	ng	93
65) 4,6-Dinitro-2-methylph...	10.539	198	87847	41.473	ng	99
66) n-Nitrosodiphenylamine	10.598	169	478921	40.514	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	169033	41.966	ng	99
68) Hexachlorobenzene	11.033	284	188511	43.475	ng	93
69) Atrazine	11.128	200	167263	45.622	ng	97
70) Pentachlorophenol	11.233	266	194622	82.223	ng	97
71) Phenanthrene	11.451	178	859286	42.586	ng	99
72) Anthracene	11.504	178	875086	43.564	ng	99
73) Carbazole	11.663	167	755119	40.992	ng	99
74) Di-n-butylphthalate	11.980	149	956557	40.393	ng	99
75) Fluoranthene	12.645	202	872988	45.566	ng	93
77) Benzidine	12.763	184	378927	56.972	ng	# 97
78) Pyrene	12.874	202	864672	40.665	ng	99
80) Butylbenzylphthalate	13.486	149	400268	39.763	ng	# 85
81) Benzo(a)anthracene	14.063	228	717443	43.482	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	158207	30.425	ng	# 94
83) Chrysene	14.104	228	674323	43.460	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	527286	39.898	ng	# 97
85) Di-n-octyl phthalate	14.657	149	782531	41.125	ng	95
87) Indeno(1,2,3-cd)pyrene	17.086	276	493356	41.402	ng	# 85
88) Benzo(b)fluoranthene	15.127	252	580640	47.572	ng	# 93
89) Benzo(k)fluoranthene	15.157	252	558148	47.411	ng	# 95
90) Benzo(a)pyrene	15.504	252	510378	53.534	ng	# 93
91) Dibenzo(a,h)anthracene	17.104	278	423188	42.940	ng	# 90
92) Benzo(g,h,i)perylene	17.545	276	417840	43.006	ng	# 85

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

