

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127168.D
 Acq On : 03 Mar 2022 13:39
 Operator : CG\JU
 Sample : PB143033BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143033BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/04/2022
 Supervised By : Jagrut Upadhyay 03/04/2022

Quant Time: Mar 03 17:00:41 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	92045	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	380926	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	196213	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	363363	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	250257	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	175768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	672224	112.876	ng	0.01
7) Phenol-d6	6.528	99	864199	107.542	ng	0.00
23) Nitrobenzene-d5	7.457	82	603859	71.553	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	283870	125.655	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1011869	75.919	ng	0.00
79) Terphenyl-d14	13.016	244	1222373	71.804	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	94663	34.737	ng	98
3) Pyridine	3.499	79	206570	28.899	ng	95
4) n-Nitrosodimethylamine	3.463	42	148690	42.465	ng	# 76
6) Aniline	6.557	93	328031	34.452	ng	94
8) 2-Chlorophenol	6.675	128	274174	42.907	ng	97
9) Benzaldehyde	6.445	77	132175	27.021	ng	99
10) Phenol	6.540	94	354466	43.655	ng	81
11) bis(2-Chloroethyl)ether	6.628	93	255986	40.195	ng	99
12) 1,3-Dichlorobenzene	6.834	146	280860	40.746	ng	98
13) 1,4-Dichlorobenzene	6.910	146	288983	41.354	ng	99
14) 1,2-Dichlorobenzene	7.057	146	274438	41.182	ng	97
15) Benzyl Alcohol	7.034	79	251883	37.206	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	347203	34.622	ng	89
17) 2-Methylphenol	7.145	107	234925	42.494	ng	92
18) Hexachloroethane	7.398	117	109917	41.036	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	203940	39.385	ng	97
20) 3+4-Methylphenols	7.298	107	289456	40.320	ng	91
22) Acetophenone	7.304	105	390912	38.976	ng	# 96
24) Nitrobenzene	7.475	77	319183	40.036	ng	95
25) Isophorone	7.716	82	539955	38.665	ng	# 96
26) 2-Nitrophenol	7.792	139	144993	42.716	ng	# 85
27) 2,4-Dimethylphenol	7.828	122	233095	41.801	ng	90
28) bis(2-Chloroethoxy)met...	7.922	93	305281	36.059	ng	97
29) 2,4-Dichlorophenol	8.034	162	216630	41.321	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	237141	40.460	ng	100
31) Naphthalene	8.198	128	796439	40.052	ng	99
32) Benzoic acid	7.957	122	155300	39.270	ng	88
33) 4-Chloroaniline	8.245	127	217140	27.743	ng	97
34) Hexachlorobutadiene	8.304	225	139975	40.906	ng	98
35) Caprolactam	8.622	113	74444m	40.663	ng	
36) 4-Chloro-3-methylphenol	8.734	107	279193	41.670	ng	97
37) 2-Methylnaphthalene	8.886	142	544656	42.212	ng	97
38) 1-Methylnaphthalene	8.986	142	493997	39.981	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	217454	42.101	ng	99
41) Hexachlorocyclopentadiene	9.039	237	236683	84.490	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	152909	40.364	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	169331	42.478	ng	94
46) 1,1'-Biphenyl	9.351	154	621370	39.971	ng	98
47) 2-Chloronaphthalene	9.381	162	466515	40.468	ng	95
48) 2-Nitroaniline	9.481	65	184284	40.510	ng	98
49) Acenaphthylene	9.798	152	776461	41.465	ng	98
50) Dimethylphthalate	9.657	163	573194	40.869	ng	100
51) 2,6-Dinitrotoluene	9.722	165	125160	43.863	ng	89
52) Acenaphthene	9.969	154	565007m	46.395	ng	
53) 3-Nitroaniline	9.892	138	109195	31.306	ng	98
54) 2,4-Dinitrophenol	10.004	184	136778	90.563	ng	# 85
55) Dibenzofuran	10.145	168	674088	40.254	ng	93
56) 4-Nitrophenol	10.063	139	206241	80.057	ng	# 78
57) 2,4-Dinitrotoluene	10.128	165	171534	44.461	ng	# 96
58) Fluorene	10.486	166	548957	42.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	133543	42.256	ng	92
60) Diethylphthalate	10.357	149	595250	40.618	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	251342	40.864	ng	97
62) 4-Nitroaniline	10.516	138	142042	41.239	ng	# 74
63) Azobenzene	10.633	77	609289	37.337	ng	93
65) 4,6-Dinitro-2-methylph...	10.539	198	89691	42.010	ng	91
66) n-Nitrosodiphenylamine	10.598	169	470783	39.512	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	161240	39.716	ng	97
68) Hexachlorobenzene	11.033	284	184704	42.261	ng	89
69) Atrazine	11.122	200	159656	43.204	ng	97
70) Pentachlorophenol	11.228	266	188627	79.061	ng	97
71) Phenanthrene	11.451	178	840635	41.333	ng	100
72) Anthracene	11.504	178	847289	41.848	ng	100
73) Carbazole	11.663	167	730232	39.329	ng	99
74) Di-n-butylphthalate	11.980	149	921575	38.608	ng	99
75) Fluoranthene	12.645	202	820755	42.502	ng	93
77) Benzidine	12.763	184	299701	44.068	ng	97
78) Pyrene	12.874	202	813498	37.416	ng	99
80) Butylbenzylphthalate	13.486	149	382263	37.138	ng	83
81) Benzo(a)anthracene	14.063	228	681426	40.389	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	185415	34.872	ng	# 96
83) Chrysene	14.104	228	653603	41.197	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	506037	37.447	ng	# 98
85) Di-n-octyl phthalate	14.651	149	752264	38.663	ng	95
87) Indeno(1,2,3-cd)pyrene	17.080	276	483883	41.984	ng	# 84
88) Benzo(b)fluoranthene	15.127	252	554988	47.012	ng	# 92
89) Benzo(k)fluoranthene	15.157	252	516872	45.394	ng	# 93
90) Benzo(a)pyrene	15.504	252	483764	52.463	ng	# 92
91) Dibenzo(a,h)anthracene	17.098	278	408055	42.809	ng	# 90
92) Benzo(g,h,i)perylene	17.545	276	402270	42.807	ng	# 83

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

