

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126949.D
 Acq On : 18 Feb 2022 13:12
 Operator : CG\JU
 Sample : PB142712BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142712BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2022
 Supervised By : Jagrut Upadhyay 02/21/2022

Quant Time: Feb 18 16:16:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	114656	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	471547	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	239648	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	426003	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	275000	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	194727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	819218	110.431	ng	0.02
7) Phenol-d6	6.563	99	1087053	108.597	ng	0.00
23) Nitrobenzene-d5	7.498	82	768306	73.544	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	325894	118.111	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1215340	74.658	ng	0.00
79) Terphenyl-d14	13.051	244	1388408	74.219	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	99309	29.255	ng	# 93
3) Pyridine	3.593	79	218966	24.592	ng	89
4) n-Nitrosodimethylamine	3.558	42	172055	39.448	ng	# 72
6) Aniline	6.598	93	404944	34.143	ng	96
8) 2-Chlorophenol	6.716	128	334831	42.066	ng	99
9) Benzaldehyde	6.487	77	198919	32.646	ng	100
10) Phenol	6.575	94	414968m	41.028	ng	
11) bis(2-Chloroethyl)ether	6.669	93	322587	40.664	ng	97
12) 1,3-Dichlorobenzene	6.875	146	340160	39.617	ng	99
13) 1,4-Dichlorobenzene	6.951	146	345921	39.740	ng	98
14) 1,2-Dichlorobenzene	7.104	146	330655	39.833	ng	96
15) Benzyl Alcohol	7.075	79	332014	39.371	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.204	45	487710	39.042	ng	95
17) 2-Methylphenol	7.181	107	285925	41.520	ng	93
18) Hexachloroethane	7.445	117	136837	41.011	ng	# 92
19) n-Nitroso-di-n-propyla...	7.345	70	258995	40.153	ng	99
20) 3+4-Methylphenols	7.334	107	361051	40.375	ng	# 88
22) Acetophenone	7.345	105	499147	40.204	ng	# 93
24) Nitrobenzene	7.516	77	398184	40.347	ng	95
25) Isophorone	7.751	82	689520	39.887	ng	# 98
26) 2-Nitrophenol	7.834	139	175046	41.659	ng	# 87
27) 2,4-Dimethylphenol	7.863	122	304002	44.040	ng	89
28) bis(2-Chloroethoxy)met...	7.963	93	402310	38.388	ng	99
29) 2,4-Dichlorophenol	8.069	162	257610	39.695	ng	97
30) 1,2,4-Trichlorobenzene	8.157	180	282719	38.966	ng	99
31) Naphthalene	8.240	128	966829	39.277	ng	99
32) Benzoic acid	7.992	122	191605	39.139	ng	84
33) 4-Chloroaniline	8.281	127	171549	17.706	ng	95
34) Hexachlorobutadiene	8.345	225	166564	39.322	ng	98
35) Caprolactam	8.663	113	93203m	41.126	ng	
36) 4-Chloro-3-methylphenol	8.763	107	338485	40.810	ng	96
37) 2-Methylnaphthalene	8.928	142	655758	41.055	ng	97
38) 1-Methylnaphthalene	9.028	142	601077	39.298	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	265602	42.103	ng	98
41) Hexachlorocyclopentadiene	9.081	237	328956	96.146	ng	95
43) 2,4,6-Trichlorophenol	9.204	196	183315	39.620	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	195679	40.190	ng	97
46) 1,1'-Biphenyl	9.392	154	785136	41.352	ng	98
47) 2-Chloronaphthalene	9.422	162	554958	39.415	ng	96
48) 2-Nitroaniline	9.516	65	229059	41.226	ng	98
49) Acenaphthylene	9.839	152	932888	40.789	ng	98
50) Dimethylphthalate	9.692	163	692129	40.405	ng	98
51) 2,6-Dinitrotoluene	9.757	165	149380	42.862	ng	# 82
52) Acenaphthene	10.010	154	663847m	44.631	ng	
53) 3-Nitroaniline	9.928	138	117040	27.473	ng	97
54) 2,4-Dinitrophenol	10.034	184	159380	86.401	ng	# 87
55) Dibenzofuran	10.181	168	797782	39.006	ng	# 89
56) 4-Nitrophenol	10.086	139	261296	83.045	ng	# 75
57) 2,4-Dinitrotoluene	10.163	165	205062	43.518	ng	# 96
58) Fluorene	10.528	166	648956	40.734	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	159219	41.249	ng	96
60) Diethylphthalate	10.392	149	728554	40.704	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	296026	39.405	ng	99
62) 4-Nitroaniline	10.551	138	167880	39.907	ng	# 80
63) Azobenzene	10.675	77	773761	38.822	ng	94
65) 4,6-Dinitro-2-methylph...	10.569	198	101161	40.415	ng	82
66) n-Nitrosodiphenylamine	10.634	169	564091	40.382	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	190080	39.935	ng	# 88
68) Hexachlorobenzene	11.069	284	211251	41.227	ng	93
69) Atrazine	11.163	200	191892	44.291	ng	96
70) Pentachlorophenol	11.263	266	229411	82.017	ng	99
71) Phenanthrene	11.492	178	964017	40.430	ng	100
72) Anthracene	11.545	178	980465	41.305	ng	99
73) Carbazole	11.698	167	851091	39.098	ng	99
74) Di-n-butylphthalate	12.016	149	1114183	39.814	ng	98
75) Fluoranthene	12.680	202	946732	41.817	ng	96
77) Benzidine	12.798	184	325085	43.499	ng	98
78) Pyrene	12.910	202	942072	39.431	ng	99
80) Butylbenzylphthalate	13.522	149	444557	39.304	ng	92
81) Benzo(a)anthracene	14.098	228	733528	39.566	ng	98
82) 3,3'-Dichlorobenzidine	14.057	252	152057	26.025	ng	# 98
83) Chrysene	14.139	228	704875	40.431	ng	99
84) Bis(2-ethylhexyl)phtha...	14.074	149	587930	39.593	ng	# 97
85) Di-n-octyl phthalate	14.692	149	857241	40.095	ng	97
87) Indeno(1,2,3-cd)pyrene	17.151	276	552946	43.305	ng	# 87
88) Benzo(b)fluoranthene	15.169	252	593559	45.384	ng	# 93
89) Benzo(k)fluoranthene	15.198	252	587600	46.581	ng	# 94
90) Benzo(a)pyrene	15.551	252	532146	52.091	ng	# 94
91) Dibenzo(a,h)anthracene	17.174	278	464223	43.960	ng	# 91
92) Benzo(g,h,i)perylene	17.621	276	464667	44.633	ng	# 87

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

