

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127908.D
 Acq On : 26 Apr 2022 12:15
 Operator : CG\JU
 Sample : PB144215BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144215BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/27/2022

Quant Time: Apr 27 01:46:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	186186	20.000	ng	0.00
21) Naphthalene-d8	8.227	136	719077	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	388279	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	651473	20.000	ng	0.00
76) Chrysene-d12	14.133	240	391767	20.000	ng	0.00
86) Perylene-d12	15.645	264	336847	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.586	112	1004269	85.913	ng	0.02
7) Phenol-d6	6.575	99	1316219	86.778	ng	0.00
23) Nitrobenzene-d5	7.516	82	1352887	88.472	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	345176	88.310	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	2046270	89.157	ng	0.00
79) Terphenyl-d14	13.068	244	2020466	94.305	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.957	88	196681	35.265	ng	98
3) Pyridine	3.687	79	538849	37.707	ng	99
4) n-Nitrosodimethylamine	3.663	42	323315	46.741	ng	99
6) Aniline	6.610	93	677355	37.587	ng	98
8) 2-Chlorophenol	6.733	128	586389	48.333	ng	98
9) Benzaldehyde	6.498	77	390243	41.589	ng	95
10) Phenol	6.586	94	711005m	46.477	ng	
11) bis(2-Chloroethyl)ether	6.680	93	595042	46.890	ng	98
12) 1,3-Dichlorobenzene	6.886	146	612667	43.870	ng	97
13) 1,4-Dichlorobenzene	6.963	146	616001	44.191	ng	98
14) 1,2-Dichlorobenzene	7.116	146	585052	45.337	ng	99
15) Benzyl Alcohol	7.092	79	480191	46.555	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	906622	46.745	ng	97
17) 2-Methylphenol	7.198	107	533713	50.986	ng	95
18) Hexachloroethane	7.457	117	241992	47.221	ng	98
19) n-Nitroso-di-n-propyla...	7.363	70	438953	47.276	ng	99
20) 3+4-Methylphenols	7.351	107	549360	43.444	ng	# 89
22) Acetophenone	7.357	105	775727	44.261	ng	# 92
24) Nitrobenzene	7.533	77	686670	46.601	ng	98
25) Isophorone	7.769	82	1269947	49.343	ng	99
26) 2-Nitrophenol	7.845	139	312305	49.738	ng	96
27) 2,4-Dimethylphenol	7.880	122	551930	52.921	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	757489	45.924	ng	99
29) 2,4-Dichlorophenol	8.086	162	485430	44.428	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	546320	44.018	ng	100
31) Naphthalene	8.251	128	1629631	44.496	ng	100
32) Benzoic acid	8.016	122	286192	38.284	ng	98
33) 4-Chloroaniline	8.298	127	339452	23.425	ng	99
34) Hexachlorobutadiene	8.357	225	355512	45.476	ng	98
35) Caprolactam	8.686	113	146432m	41.519	ng	
36) 4-Chloro-3-methylphenol	8.786	107	525771	45.057	ng	98
37) 2-Methylnaphthalene	8.945	142	1069396	44.182	ng	99
38) 1-Methylnaphthalene	9.045	142	1020473	43.376	ng	100
40) 1,2,4,5-Tetrachloroben...	9.110	216	504090	44.046	ng	98
41) Hexachlorocyclopentadiene	9.092	237	703299	113.425	ng	100
43) 2,4,6-Trichlorophenol	9.222	196	345838	45.925	ng	99

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44) 2,4,5-Trichlorophenol	9.263	196	361996	44.220	ng	99
46) 1,1'-Biphenyl	9.410	154	1299191	45.171	ng	100
47) 2-Chloronaphthalene	9.439	162	954354	43.587	ng	99
48) 2-Nitroaniline	9.533	65	342066	46.185	ng	97
49) Acenaphthylene	9.857	152	1520316	45.393	ng	100
50) Dimethylphthalate	9.710	163	1142411	43.871	ng	100
51) 2,6-Dinitrotoluene	9.774	165	262710	46.596	ng	94
52) Acenaphthene	10.027	154	1094631m	48.614	ng	
53) 3-Nitroaniline	9.945	138	162231	25.913	ng	99
54) 2,4-Dinitrophenol	10.057	184	270421	91.076	ng	# 87
55) Dibenzofuran	10.198	168	1346502	41.448	ng	99
56) 4-Nitrophenol	10.116	139	366227	76.605	ng	97
57) 2,4-Dinitrotoluene	10.180	165	339248	45.426	ng	# 82
58) Fluorene	10.545	166	1014766	41.861	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	298880	43.417	ng	99
60) Diethylphthalate	10.410	149	1097006	42.961	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	503776	41.820	ng	99
62) 4-Nitroaniline	10.568	138	251517	41.092	ng	99
63) Azobenzene	10.692	77	1192174	42.430	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	180556	46.643	ng	99
66) n-Nitrosodiphenylamine	10.651	169	915723	45.174	ng	99
67) 4-Bromophenyl-phenylether	11.021	248	326556	45.217	ng	99
68) Hexachlorobenzene	11.086	284	354655	46.610	ng	99
69) Atrazine	11.180	200	323808	51.659	ng	98
70) Pentachlorophenol	11.286	266	381679	85.265	ng	97
71) Phenanthrene	11.510	178	1456612	42.714	ng	100
72) Anthracene	11.563	178	1483377	43.667	ng	99
73) Carbazole	11.715	167	1320063	40.320	ng	99
74) Di-n-butylphthalate	12.033	149	1636914	44.463	ng	99
75) Fluoranthene	12.698	202	1503210	41.883	ng	99
77) Benzidine	12.821	184	698409	94.217	ng	99
78) Pyrene	12.933	202	1501622	47.482	ng	100
80) Butylbenzylphthalate	13.539	149	633993	51.146	ng	98
81) Benzo(a)anthracene	14.121	228	1202312	46.044	ng	98
82) 3,3'-Dichlorobenzidine	14.080	252	256237	30.905	ng	98
83) Chrysene	14.156	228	1103781	44.260	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	862843	52.490	ng	99
85) Di-n-octyl phthalate	14.715	149	1335131	52.411	ng	100
87) Indeno(1,2,3-cd)pyrene	17.203	276	1024691	45.575	ng	98
88) Benzo(b)fluoranthene	15.198	252	1018736	48.151	ng	99
89) Benzo(k)fluoranthene	15.227	252	964078	45.230	ng	97
90) Benzo(a)pyrene	15.586	252	943320	53.752	ng	97
91) Dibenzo(a,h)anthracene	17.227	278	877927	48.687	ng	97
92) Benzo(g,h,i)perylene	17.680	276	898081	47.260	ng	99

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

