

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129861.D
 Acq On : 18 Aug 2022 00:26
 Operator : CG\JU
 Sample : N4189-17MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB14MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/18/2022
 Supervised By : Jagrut Upadhyay 08/18/2022

Quant Time: Aug 18 05:40:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	137932	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	544329	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	270839	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	440649	20.000	ng	0.00
76) Chrysene-d12	13.986	240	225641	20.000	ng	0.00
86) Perylene-d12	15.451	264	242404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1005339	120.678	ng	0.00
7) Phenol-d6	6.475	99	1258220	120.607	ng	0.00
23) Nitrobenzene-d5	7.387	82	815846	80.234	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	310788	114.333	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1463496	82.070	ng	0.00
79) Terphenyl-d14	12.921	244	1230397	90.733	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	150567	43.808	ng	100
3) Pyridine	3.399	79	371955	41.354	ng	98
4) n-Nitrosodimethylamine	3.351	42	213537	51.516	ng	96
6) Aniline	6.481	93	430979	36.246	ng	94
8) 2-Chlorophenol	6.610	128	453028	48.849	ng	99
9) Benzaldehyde	6.369	77	279201	51.990	ng	98
10) Phenol	6.487	94	544716	47.600	ng	80
11) bis(2-Chloroethyl)ether	6.551	93	424651	48.867	ng	100
12) 1,3-Dichlorobenzene	6.751	146	477718	47.714	ng	98
13) 1,4-Dichlorobenzene	6.828	146	480643	46.983	ng	98
14) 1,2-Dichlorobenzene	6.981	146	456588	48.056	ng	99
15) Benzyl Alcohol	6.969	79	388938	49.384	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.087	45	559079	48.013	ng	92
17) 2-Methylphenol	7.087	107	358723	48.173	ng	99
18) Hexachloroethane	7.316	117	182390	47.477	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	313985	47.615	ng	94
20) 3+4-Methylphenols	7.239	107	465749	46.595	ng	97
22) Acetophenone	7.228	105	640066	48.253	ng	99
24) Nitrobenzene	7.404	77	478589	46.676	ng	99
25) Isophorone	7.639	82	849495	48.539	ng	99
26) 2-Nitrophenol	7.716	139	244353	48.450	ng	97
27) 2,4-Dimethylphenol	7.763	122	380711	52.636	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	519405	50.829	ng	99
29) 2,4-Dichlorophenol	7.969	162	370235	46.813	ng	99
30) 1,2,4-Trichlorobenzene	8.039	180	378313	45.342	ng	99
31) Naphthalene	8.116	128	1291613	45.382	ng	100
32) Benzoic acid	7.910	122	158416	48.571	ng	95
33) 4-Chloroaniline	8.175	127	306681	27.401	ng	98
34) Hexachlorobutadiene	8.228	225	229639	45.201	ng	99
35) Caprolactam	8.557	113	112284m	45.654	ng	
36) 4-Chloro-3-methylphenol	8.675	107	393604	46.132	ng	98
37) 2-Methylnaphthalene	8.810	142	840259	44.982	ng	99
38) 1-Methylnaphthalene	8.910	142	795069	43.796	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	372145	49.403	ng	99
41) Hexachlorocyclopentadiene	8.957	237	259020	95.073	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	229242	46.838	ng	98

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44) 2,4,5-Trichlorophenol	9.145	196	242013	45.961	ng	99
46) 1,1'-Biphenyl	9.275	154	1010228	49.099	ng	100
47) 2-Chloronaphthalene	9.298	162	782601	48.072	ng	97
48) 2-Nitroaniline	9.404	65	249392	48.475	ng	98
49) Acenaphthylene	9.716	152	1163614	47.135	ng	100
50) Dimethylphthalate	9.575	163	882558	45.456	ng	100
51) 2,6-Dinitrotoluene	9.645	165	198786	47.199	ng	98
52) Acenaphthene	9.886	154	699807	46.723	ng	99
53) 3-Nitroaniline	9.822	138	158754	34.085	ng	98
54) 2,4-Dinitrophenol	9.939	184	167896	87.613	ng	92
55) Dibenzofuran	10.057	168	1036527	46.064	ng	95
56) 4-Nitrophenol	10.010	139	194376	93.807	ng	99
57) 2,4-Dinitrotoluene	10.057	165	250168	45.757	ng	95
58) Fluorene	10.404	166	846204	45.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	164458	42.558	ng	# 78
60) Diethylphthalate	10.275	149	843544	43.573	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	385132	45.678	ng	98
62) 4-Nitroaniline	10.439	138	198584m	42.263	ng	
63) Azobenzene	10.551	77	822734	44.461	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	120568	46.608	ng	96
66) n-Nitrosodiphenylamine	10.516	169	717991	48.275	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	240171	46.535	ng	97
68) Hexachlorobenzene	10.951	284	262651	46.980	ng	96
69) Atrazine	11.045	200	225211	49.336	ng	98
70) Pentachlorophenol	11.157	266	141828	84.331	ng	97
71) Phenanthrene	11.369	178	1125302	45.725	ng	100
72) Anthracene	11.422	178	1129005	46.132	ng	100
73) Carbazole	11.580	167	1010640	45.491	ng	100
74) Di-n-butylphthalate	11.892	149	1218619	42.620	ng	99
75) Fluoranthene	12.557	202	1040116	41.302	ng	98
77) Benzidine	12.680	184	94281	13.681	ng	99
78) Pyrene	12.786	202	991842	50.583	ng	100
80) Butylbenzylphthalate	13.392	149	389728	46.972	ng	95
81) Benzo(a)anthracene	13.980	228	713553	45.970	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	185793	38.648	ng	99
83) Chrysene	14.015	228	660871	45.484	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	472551	48.006	ng	98
85) Di-n-octyl phthalate	14.557	149	686345	50.509	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	885836	53.231	ng	100
88) Benzo(b)fluoranthene	15.027	252	701938	42.289	ng	99
89) Benzo(k)fluoranthene	15.057	252	688614	43.259	ng	99
90) Benzo(a)pyrene	15.392	252	640593	49.007	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	758480	55.238	ng	97
92) Benzo(g,h,i)perylene	17.380	276	791782	57.799	ng	97

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

