

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134126.D
 Acq On : 07 Jul 2023 08:32
 Operator : CG\JU
 Sample : 03487-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGEN-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :mohammad ahmed 07/09/2023

Quant Time: Jul 07 14:05:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101736	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	385145	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	192972	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	367557	20.000	ng	0.00
76) Chrysene-d12	14.039	240	208064	20.000	ng	-0.01
86) Perylene-d12	15.539	264	200551	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	811151	133.371	ng	0.00
7) Phenol-d6	6.487	99	994611	132.978	ng	0.00
23) Nitrobenzene-d5	7.410	82	666893	93.339	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	314922	130.161	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1191744	89.789	ng	0.00
79) Terphenyl-d14	12.974	244	1266335	97.954	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	126363	50.389	ng	99
3) Pyridine	3.487	79	330212	50.553	ng	99
4) n-Nitrosodimethylamine	3.457	42	213040	57.105	ng	94
6) Aniline	6.510	93	399538	43.897	ng	# 88
8) 2-Chlorophenol	6.634	128	367047	59.452	ng	95
9) Benzaldehyde	6.398	77	240422	74.464	ng	96
10) Phenol	6.504	94	438608	55.773	ng	86
11) bis(2-Chloroethyl)ether	6.587	93	328938	56.814	ng	99
12) 1,3-Dichlorobenzene	6.787	146	380803	57.855	ng	99
13) 1,4-Dichlorobenzene	6.863	146	386167	58.086	ng	99
14) 1,2-Dichlorobenzene	7.016	146	369120	59.284	ng	98
15) Benzyl Alcohol	6.992	79	328956	57.051	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	546343	53.339	ng	97
17) 2-Methylphenol	7.104	107	301077	54.458	ng	97
18) Hexachloroethane	7.351	117	147696	59.915	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	253735	53.494	ng	100
20) 3+4-Methylphenols	7.257	107	359434	53.590	ng	93
22) Acetophenone	7.257	105	498893	56.957	ng	98
24) Nitrobenzene	7.434	77	394056	54.578	ng	98
25) Isophorone	7.669	82	708609	54.570	ng	99
26) 2-Nitrophenol	7.745	139	200702	57.946	ng	98
27) 2,4-Dimethylphenol	7.781	122	306676	55.937	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	403280	53.636	ng	99
29) 2,4-Dichlorophenol	7.986	162	301687	55.492	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	320538	57.140	ng	98
31) Naphthalene	8.151	128	993867	53.423	ng	99
32) Benzoic acid	7.916	122	231786	56.419	ng	99
33) 4-Chloroaniline	8.198	127	82182	10.327	ng	98
34) Hexachlorobutadiene	8.263	225	202683	57.277	ng	99
35) Caprolactam	8.586	113	99977m	55.851	ng	
36) 4-Chloro-3-methylphenol	8.686	107	347663	56.924	ng	99
37) 2-Methylnaphthalene	8.839	142	675104	51.316	ng	100
38) 1-Methylnaphthalene	8.939	142	631478	51.633	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	323788	56.635	ng	98
41) Hexachlorocyclopentadiene	8.992	237	345723	127.465	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	214067	55.004	ng	98

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44) 2,4,5-Trichlorophenol	9.163	196	230961	50.451	ng	98
46) 1,1'-Biphenyl	9.304	154	840448	54.294	ng	99
47) 2-Chloronaphthalene	9.333	162	624915	55.176	ng	98
48) 2-Nitroaniline	9.433	65	224971	54.503	ng	95
49) Acenaphthylene	9.751	152	1033714	53.429	ng	99
50) Dimethylphthalate	9.610	163	751074	53.618	ng	99
51) 2,6-Dinitrotoluene	9.675	165	167651	55.568	ng	89
52) Acenaphthene	9.922	154	602107	53.633	ng	99
53) 3-Nitroaniline	9.845	138	108437	29.959	ng	96
54) 2,4-Dinitrophenol	9.957	184	201784	114.080	ng	95
55) Dibenzofuran	10.092	168	916037	52.211	ng	97
56) 4-Nitrophenol	10.016	139	272833	107.763	ng	93
57) 2,4-Dinitrotoluene	10.086	165	218033	54.721	ng	92
58) Fluorene	10.439	166	719695	52.725	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	195877	54.244	ng	98
60) Diethylphthalate	10.310	149	755498	51.768	ng	98
61) 4-Chlorophenyl-phenyle...	10.428	204	338607	51.475	ng	97
62) 4-Nitroaniline	10.469	138	185753	50.924	ng	95
63) Azobenzene	10.592	77	762763	55.254	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	122176	60.969	ng	99
66) n-Nitrosodiphenylamine	10.551	169	642408	54.703	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	212899	54.496	ng	96
68) Hexachlorobenzene	10.986	284	250044	60.281	ng	97
69) Atrazine	11.080	200	206250	63.494	ng	98
70) Pentachlorophenol	11.186	266	252629	101.860	ng	98
71) Phenanthrene	11.404	178	1012408	54.715	ng	99
72) Anthracene	11.457	178	1044070	54.250	ng	99
73) Carbazole	11.616	167	981318	55.707	ng	99
74) Di-n-butylphthalate	11.945	149	1120102	53.470	ng	99
75) Fluoranthene	12.598	202	1067836	53.381	ng	99
77) Benzidine	12.727	184	345617	69.811	ng	98
78) Pyrene	12.833	202	1072406	55.384	ng	99
80) Butylbenzylphthalate	13.451	149	414421	57.066	ng	98
81) Benzo(a)anthracene	14.027	228	786303	54.492	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	182987	40.027	ng	97
83) Chrysene	14.068	228	760575	54.420	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	493544	59.145	ng	100
85) Di-n-octyl phthalate	14.633	149	722019	58.886	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	831691	59.764	ng	98
88) Benzo(b)fluoranthene	15.098	252	713031	60.464	ng	99
89) Benzo(k)fluoranthene	15.127	252	648875	54.043	ng	98
90) Benzo(a)pyrene	15.480	252	611054	53.586	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	676385	59.506	ng	98
92) Benzo(g,h,i)perylene	17.562	276	678338	57.870	ng	98

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

