

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132558.D
 Acq On : 27 Feb 2023 18:10
 Operator : CG\JU
 Sample : 01701-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 28 03:16:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	145016	20.000	ng	0.00
21) Naphthalene-d8	8.290	136	531177	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	268658	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	438349	20.000	ng	0.00
76) Chrysene-d12	14.207	240	299636	20.000	ng	0.00
86) Perylene-d12	15.760	264	242268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	908336	101.658	ng	0.00
7) Phenol-d6	6.637	99	1189958	102.044	ng	0.00
23) Nitrobenzene-d5	7.572	82	786434	70.244	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	285513	98.405	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1233159	69.891	ng	0.00
79) Terphenyl-d14	13.136	244	1142486	64.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.937	88	199606	40.385	ng	99
3) Pyridine	3.696	79	472632	36.025	ng	99
4) n-Nitrosodimethylamine	3.660	42	219936	44.381	ng	97
6) Aniline	6.666	93	404361	25.767	ng	99
8) 2-Chlorophenol	6.790	128	427478	46.096	ng	98
9) Benzaldehyde	6.554	77	237603	37.760	ng	95
10) Phenol	6.648	94	563490	42.148	ng	99
11) bis(2-Chloroethyl)ether	6.737	93	453304	43.921	ng	97
12) 1,3-Dichlorobenzene	6.948	146	457704	45.992	ng	99
13) 1,4-Dichlorobenzene	7.025	146	457359	46.026	ng	99
14) 1,2-Dichlorobenzene	7.178	146	434450	45.556	ng	96
15) Benzyl Alcohol	7.148	79	421913	46.979	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	601828	45.727	ng	98
17) 2-Methylphenol	7.254	107	360500	41.653	ng	100
18) Hexachloroethane	7.519	117	180941	46.608	ng	98
19) n-Nitroso-di-n-propyla...	7.419	70	306228	42.669	ng	96
20) 3+4-Methylphenols	7.407	107	434493	38.858	ng	93
22) Acetophenone	7.413	105	585410	43.707	ng	# 91
24) Nitrobenzene	7.590	77	512792	42.826	ng	95
25) Isophorone	7.825	82	915368	42.645	ng	98
26) 2-Nitrophenol	7.907	139	232143	43.941	ng	98
27) 2,4-Dimethylphenol	7.937	122	361530	43.359	ng	97
28) bis(2-Chloroethoxy)met...	8.031	93	545034	43.406	ng	99
29) 2,4-Dichlorophenol	8.148	162	361453	43.578	ng	99
30) 1,2,4-Trichlorobenzene	8.231	180	404655	44.929	ng	97
31) Naphthalene	8.313	128	1157535	42.568	ng	99
32) Benzoic acid	8.054	122	260982m	40.381	ng	
33) 4-Chloroaniline	8.360	127	104376	8.957	ng	# 92
34) Hexachlorobutadiene	8.425	225	272404	47.597	ng	99
35) Caprolactam	8.742	113	116515m	42.610	ng	
36) 4-Chloro-3-methylphenol	8.842	107	393891	43.242	ng	99
37) 2-Methylnaphthalene	9.007	142	763717	41.211	ng	99
38) 1-Methylnaphthalene	9.107	142	697468	40.273	ng	100
40) 1,2,4,5-Tetrachloroben...	9.172	216	413275	47.017	ng	99
41) Hexachlorocyclopentadiene	9.154	237	285111	59.803	ng	98
43) 2,4,6-Trichlorophenol	9.284	196	271773	45.624	ng	99

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44) 2,4,5-Trichlorophenol	9.331	196	289067	41.578	ng	98
46) 1,1'-Biphenyl	9.472	154	928020	45.638	ng	98
47) 2-Chloronaphthalene	9.501	162	742192	46.036	ng	99
48) 2-Nitroaniline	9.595	65	248195	41.799	ng	95
49) Acenaphthylene	9.919	152	1094035	42.639	ng	99
50) Dimethylphthalate	9.772	163	904363	46.231	ng	100
51) 2,6-Dinitrotoluene	9.837	165	195718	43.933	ng	95
52) Acenaphthene	10.089	154	735462m	45.140	ng	
53) 3-Nitroaniline	10.007	138	129148	25.915	ng	97
54) 2,4-Dinitrophenol	10.113	184	158812	57.110	ng	99
55) Dibenzofuran	10.260	168	1008324	42.452	ng	97
56) 4-Nitrophenol	10.166	139	257335	69.242	ng	86
57) 2,4-Dinitrotoluene	10.242	165	250984	42.348	ng	93
58) Fluorene	10.607	166	747157	41.124	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.378	232	218358	42.280	ng	98
60) Diethylphthalate	10.472	149	878084	45.961	ng	100
61) 4-Chlorophenyl-phenyle...	10.595	204	410568	43.561	ng	96
62) 4-Nitroaniline	10.625	138	161068	32.926	ng	94
63) Azobenzene	10.754	77	1081093	53.431	ng	96
65) 4,6-Dinitro-2-methylph...	10.648	198	109397	36.866	ng	96
66) n-Nitrosodiphenylamine	10.713	169	663439	48.547	ng	99
67) 4-Bromophenyl-phenylether	11.089	248	244436	49.297	ng	97
68) Hexachlorobenzene	11.154	284	253701	48.626	ng	# 90
69) Atrazine	11.236	200	225281	52.804	ng	99
70) Pentachlorophenol	11.354	266	251355	80.973	ng	98
71) Phenanthrene	11.578	178	978344	43.083	ng	98
72) Anthracene	11.625	178	996406	42.609	ng	99
73) Carbazole	11.783	167	858724	40.729	ng	99
74) Di-n-butylphthalate	12.101	149	1181812	47.786	ng	99
75) Fluoranthene	12.772	202	986260	39.728	ng	98
77) Benzidine	12.889	184	421121	57.735	ng	99
78) Pyrene	13.001	202	1004015	36.855	ng	98
80) Butylbenzylphthalate	13.613	149	445533	41.444	ng	97
81) Benzo(a)anthracene	14.195	228	942843	42.055	ng	99
82) 3,3'-Dichlorobenzidine	14.154	252	234910	35.540	ng	100
83) Chrysene	14.236	228	888528	42.382	ng	97
84) Bis(2-ethylhexyl)phtha...	14.166	149	618400	46.827	ng	100
85) Di-n-octyl phthalate	14.795	149	1072671	55.584	ng	99
87) Indeno(1,2,3-cd)pyrene	17.360	276	583276	36.743	ng	98
88) Benzo(b)fluoranthene	15.295	252	822940	50.687	ng	100
89) Benzo(k)fluoranthene	15.324	252	712028	44.811	ng	99
90) Benzo(a)pyrene	15.695	252	621395	40.894	ng	99
91) Dibenzo(a,h)anthracene	17.377	278	488669	37.782	ng	97
92) Benzo(g,h,i)perylene	17.848	276	466893	32.482	ng	99

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

