

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013023\
 Data File : BF132229.D
 Acq On : 31 Jan 2023 01:08
 Operator : CG\JU
 Sample : 01318-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DR-1-012523MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/31/2023
 Supervised By : Jagrut Upadhyay 01/31/2023

Quant Time: Jan 31 02:33:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	165430	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	514996	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	221066	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	424605	20.000	ng	0.00
76) Chrysene-d12	14.301	240	331058	20.000	ng	0.00
86) Perylene-d12	15.895	264	266663	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	854899	85.982	ng	0.01
7) Phenol-d6	6.696	99	1109541	88.999	ng	0.00
23) Nitrobenzene-d5	7.643	82	678722	68.997	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	168482	82.305	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1029505	68.525	ng	0.00
79) Terphenyl-d14	13.225	244	1188090	56.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.049	88	199761	39.918	ng	96
3) Pyridine	3.802	79	520329	37.857	ng	96
4) n-Nitrosodimethylamine	3.755	42	184502	40.109	ng	89
6) Aniline	6.743	93	435043m	24.920	ng	
8) 2-Chlorophenol	6.866	128	457146	45.854	ng	97
9) Benzaldehyde	6.637	77	353867	54.982	ng	94
10) Phenol	6.707	94	548466	42.260	ng	96
11) bis(2-Chloroethyl)ether	6.813	93	492420	43.985	ng	94
12) 1,3-Dichlorobenzene	7.025	146	517738	46.714	ng	99
13) 1,4-Dichlorobenzene	7.101	146	515796	46.682	ng	99
14) 1,2-Dichlorobenzene	7.254	146	484539	47.206	ng	99
15) Benzyl Alcohol	7.213	79	367776	40.147	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.348	45	510289	40.138	ng	97
17) 2-Methylphenol	7.319	107	344097	37.960	ng	99
18) Hexachloroethane	7.601	117	176048	43.362	ng	92
19) n-Nitroso-di-n-propyla...	7.484	70	299644	39.933	ng	97
20) 3+4-Methylphenols	7.472	107	440718	38.684	ng	91
22) Acetophenone	7.490	105	601347	47.757	ng	97
24) Nitrobenzene	7.666	77	453189	44.560	ng	93
25) Isophorone	7.901	82	803449	42.469	ng	97
26) 2-Nitrophenol	7.978	139	197664	47.842	ng	95
27) 2,4-Dimethylphenol	8.007	122	358851	45.360	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	526642	45.215	ng	100
29) 2,4-Dichlorophenol	8.219	162	312378	42.288	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	389565	45.907	ng	99
31) Naphthalene	8.395	128	1137972	44.659	ng	99
32) Benzoic acid	8.084	122	175654	35.384	ng	99
33) 4-Chloroaniline	8.431	127	263401	23.845	ng	97
34) Hexachlorobutadiene	8.507	225	245138	46.243	ng	99
35) Caprolactam	8.790	113	91354	43.678	ng	95
36) 4-Chloro-3-methylphenol	8.901	107	285896	37.795	ng	99
37) 2-Methylnaphthalene	9.084	142	705184	40.335	ng	100
38) 1-Methylnaphthalene	9.184	142	635850	39.206	ng	100
40) 1,2,4,5-Tetrachloroben...	9.248	216	354465	47.778	ng	99
41) Hexachlorocyclopentadiene	9.237	237	30841	8.184	ng	98
43) 2,4,6-Trichlorophenol	9.354	196	214232	47.325	ng	100

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44) 2,4,5-Trichlorophenol	9.395	196	213576	40.288	ng	98
46) 1,1'-Biphenyl	9.548	154	811188	47.615	ng	98
47) 2-Chloronaphthalene	9.578	162	620901	46.957	ng	96
48) 2-Nitroaniline	9.666	65	162814	45.849	ng	90
49) Acenaphthylene	9.995	152	929760	45.256	ng	100
50) Dimethylphthalate	9.842	163	707925	47.186	ng	100
51) 2,6-Dinitrotoluene	9.907	165	144364	45.293	ng	# 84
52) Acenaphthene	10.166	154	570057	45.130	ng	98
53) 3-Nitroaniline	10.078	138	148953	42.233	ng	92
54) 2,4-Dinitrophenol	10.178	184	36956	27.387	ng	# 1
55) Dibenzofuran	10.342	168	840520	44.417	ng	95
56) 4-Nitrophenol	10.225	139	253153	99.347	ng	96
57) 2,4-Dinitrotoluene	10.313	165	181911	46.360	ng	# 80
58) Fluorene	10.684	166	650567	45.009	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	177854	47.217	ng	99
60) Diethylphthalate	10.542	149	672333	45.972	ng	99
61) 4-Chlorophenyl-phenylether	10.672	204	333361	43.720	ng	97
62) 4-Nitroaniline	10.689	138	146445	44.254	ng	96
63) Azobenzene	10.836	77	636689	41.253	ng	93
65) 4,6-Dinitro-2-methylph...	10.719	198	29518	17.267	ng	96
66) n-Nitrosodiphenylamine	10.789	169	548614	41.145	ng	99
67) 4-Bromophenyl-phenylether	11.166	248	205641	42.069	ng	96
68) Hexachlorobenzene	11.236	284	217630	44.932	ng	95
69) Atrazine	11.313	200	189149	49.425	ng	99
70) Pentachlorophenol	11.431	266	269504	84.302	ng	99
71) Phenanthrene	11.660	178	1351128	62.551	ng	99
72) Anthracene	11.713	178	1083266	49.249	ng	98
73) Carbazole	11.860	167	951803	50.371	ng	99
74) Di-n-butylphthalate	12.183	149	1083694	50.411	ng	99
75) Fluoranthene	12.860	202	1826479	83.104	ng	98
77) Benzidine	12.972	184	405746	46.955	ng	99
78) Pyrene	13.095	202	1832559	59.079	ng	100
80) Butylbenzylphthalate	13.701	149	502606	48.163	ng	87
81) Benzo(a)anthracene	14.289	228	1358920	58.381	ng	100
82) 3,3'-Dichlorobenzidine	14.242	252	312459	49.535	ng	99
83) Chrysene	14.324	228	1219291	56.209	ng	99
84) Bis(2-ethylhexyl)phtha...	14.254	149	715165	52.878	ng	99
85) Di-n-octyl phthalate	14.895	149	1148897	56.438	ng	98
87) Indeno(1,2,3-cd)pyrene	17.560	276	793292	44.995	ng	95
88) Benzo(b)fluoranthene	15.413	252	1107951	67.650	ng	99
89) Benzo(k)fluoranthene	15.448	252	887621	52.524	ng	99
90) Benzo(a)pyrene	15.824	252	868082	56.162	ng	100
91) Dibenzo(a,h)anthracene	17.577	278	583774	40.498	ng	99
92) Benzo(g,h,i)perylene	18.065	276	656258	44.652	ng	96

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

