

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132300.D
 Acq On : 02 Feb 2023 19:39
 Operator : CG\JU
 Sample : 01386-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-9-013123MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 00:25:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	203245	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	777715	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	394811	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	686318	20.000	ng	0.00
76) Chrysene-d12	14.277	240	299678	20.000	ng	#-0.01
86) Perylene-d12	15.865	264	372237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1377140	108.913	ng	0.02
7) Phenol-d6	6.689	99	1607408	103.114	ng	0.00
23) Nitrobenzene-d5	7.631	82	1109055	79.355	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	563817	138.868	ng	0.00
45) 2-Fluorobiphenyl	9.430	172	1947123	76.159	ng	0.00
79) Terphenyl-d14	13.213	244	1775639	114.617	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.225	88	225302m	37.868	ng	Qvalue
3) Pyridine	3.890	79	514280	31.862	ng	96
4) n-Nitrosodimethylamine	3.831	42	190723	36.928	ng	93
6) Aniline	6.731	93	249326m	11.786	ng	
8) 2-Chlorophenol	6.854	128	605676	46.249	ng	95
9) Benzaldehyde	6.619	77	330438	36.936	ng	99
10) Phenol	6.701	94	594141	36.823	ng	97
11) bis(2-Chloroethyl)ether	6.795	93	580094	43.685	ng	98
12) 1,3-Dichlorobenzene	7.007	146	563205	40.662	ng	99
13) 1,4-Dichlorobenzene	7.084	146	564181	40.806	ng	99
14) 1,2-Dichlorobenzene	7.236	146	555026	43.046	ng	98
15) Benzyl Alcohol	7.201	79	476352	41.878	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.336	45	550575	39.353	ng	94
17) 2-Methylphenol	7.307	107	461433	40.252	ng	99
18) Hexachloroethane	7.583	117	207640	40.034	ng	99
19) n-Nitroso-di-n-propyla...	7.478	70	334370	37.762	ng	98
20) 3+4-Methylphenols	7.460	107	572887	39.155	ng	96
22) Acetophenone	7.478	105	751092	41.067	ng	98
24) Nitrobenzene	7.654	77	562991	39.431	ng	92
25) Isophorone	7.889	82	1088349	41.029	ng	96
26) 2-Nitrophenol	7.966	139	330316	47.496	ng	93
27) 2,4-Dimethylphenol	7.995	122	526662	43.265	ng	98
28) bis(2-Chloroethoxy)met...	8.095	93	700773	42.989	ng	99
29) 2,4-Dichlorophenol	8.207	162	485407	44.914	ng	97
30) 1,2,4-Trichlorobenzene	8.289	180	503291	43.487	ng	98
31) Naphthalene	8.378	128	1550052	40.491	ng	99
32) Benzoic acid	8.072	122	157239m	17.450	ng	
33) 4-Chloroaniline	8.419	127	52954	3.119	ng	98
34) Hexachlorobutadiene	8.489	225	280765	43.153	ng	100
35) Caprolactam	8.789	113	141532m	38.413	ng	
36) 4-Chloro-3-methylphenol	8.895	107	516864	44.391	ng	96
37) 2-Methylnaphthalene	9.072	142	1061040	40.919	ng	99
38) 1-Methylnaphthalene	9.172	142	986977	40.958	ng	99
40) 1,2,4,5-Tetrachloroben...	9.236	216	489538	44.061	ng	99
41) Hexachlorocyclopentadiene	9.225	237	553919	85.453	ng	100
43) 2,4,6-Trichlorophenol	9.342	196	358366	45.123	ng	100

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44) 2,4,5-Trichlorophenol	9.383	196	382573	41.851	ng	99
46) 1,1'-Biphenyl	9.536	154	1282556	42.137	ng	97
47) 2-Chloronaphthalene	9.566	162	999447	43.112	ng	99
48) 2-Nitroaniline	9.654	65	264092	38.304	ng	86
49) Acenaphthylene	9.983	152	1578521	41.720	ng	99
50) Dimethylphthalate	9.830	163	1198596	43.400	ng	98
51) 2,6-Dinitrotoluene	9.895	165	283828	46.017	ng	90
52) Acenaphthene	10.154	154	979120	41.335	ng	100
53) 3-Nitroaniline	10.066	138	128726	17.209	ng	93
54) 2,4-Dinitrophenol	10.166	184	121718	36.530	ng	# 54
55) Dibenzofuran	10.330	168	1390311	41.774	ng	98
56) 4-Nitrophenol	10.219	139	398594	70.815	ng	96
57) 2,4-Dinitrotoluene	10.301	165	372303	46.467	ng	95
58) Fluorene	10.672	166	1066030	41.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.442	232	301218	45.200	ng	98
60) Diethylphthalate	10.536	149	1209097	44.009	ng	98
61) 4-Chlorophenyl-phenyle...	10.660	204	526790	43.336	ng	96
62) 4-Nitroaniline	10.689	138	262415	36.585	ng	98
63) Azobenzene	10.824	77	1020890	38.148	ng	93
65) 4,6-Dinitro-2-methylph...	10.713	198	126210	32.401	ng	90
66) n-Nitrosodiphenylamine	10.777	169	935240	43.518	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	337238	47.986	ng	97
68) Hexachlorobenzene	11.224	284	379971	50.584	ng	92
69) Atrazine	11.301	200	323380	52.314	ng	97
70) Pentachlorophenol	11.413	266	361506	70.043	ng	99
71) Phenanthrene	11.642	178	1545056	43.081	ng	100
72) Anthracene	11.695	178	1567102	42.936	ng	100
73) Carbazole	11.848	167	1333984	40.762	ng	100
74) Di-n-butylphthalate	12.166	149	1761389	45.526	ng	100
75) Fluoranthene	12.842	202	1376425	37.609	ng	99
77) Benzidine	12.954	184	186412	17.792	ng	98
78) Pyrene	13.077	202	1348072	55.929	ng	99
80) Butylbenzylphthalate	13.683	149	573582	53.862	ng	97
81) Benzo(a)anthracene	14.271	228	951547	45.398	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	112977	16.923	ng	97
83) Chrysene	14.307	228	875742	44.621	ng	100
84) Bis(2-ethylhexyl)phtha...	14.236	149	735515	51.098	ng	100
85) Di-n-octyl phthalate	14.871	149	1194579	50.881	ng	97
87) Indeno(1,2,3-cd)pyrene	17.518	276	1306429	52.820	ng	98
88) Benzo(b)fluoranthene	15.389	252	1079384	45.619	ng	98
89) Benzo(k)fluoranthene	15.424	252	953017	42.197	ng	99
90) Benzo(a)pyrene	15.801	252	934931	42.433	ng	98
91) Dibenzo(a,h)anthracene	17.542	278	1071728	53.894	ng	99
92) Benzo(g,h,i)perylene	18.030	276	1056633	51.433	ng	96

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

