

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132284.D
 Acq On : 02 Feb 2023 10:38
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 00:34:54 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	7.072	152	209947	20.000	ng	0.00
21) Naphthalene-d8	8.360	136	782710	20.000	ng	0.00
39) Acenaphthene-d10	10.125	164	409143	20.000	ng	0.00
64) Phenanthrene-d10	11.625	188	762686	20.000	ng	0.00
76) Chrysene-d12	14.283	240	349650	20.000	ng	# 0.00
86) Perylene-d12	15.871	264	336028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	955322	73.141	ng	0.00
7) Phenol-d6	6.684	99	1174815	72.957	ng	0.00
23) Nitrobenzene-d5	7.637	82	1032301	73.392	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	374364	88.976	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1854713	70.003	ng	0.00
79) Terphenyl-d14	13.213	244	1840055	101.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.996	88	222064	36.133	ng	98
3) Pyridine	3.760	79	593085	35.572	ng	99
4) n-Nitrosodimethylamine	3.719	42	187385	35.124	ng	97
6) Aniline	6.737	93	810428m	37.088	ng	
8) 2-Chlorophenol	6.854	128	520973	38.512	ng	97
9) Benzaldehyde	6.625	77	327972	34.900	ng	97
10) Phenol	6.701	94	603804	36.228	ng	98
11) bis(2-Chloroethyl)ether	6.801	93	517968	37.761	ng	97
12) 1,3-Dichlorobenzene	7.013	146	556667	38.907	ng	98
13) 1,4-Dichlorobenzene	7.090	146	555647	38.906	ng	99
14) 1,2-Dichlorobenzene	7.242	146	509287	38.237	ng	99
15) Benzyl Alcohol	7.207	79	444505	37.831	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.337	45	513329	35.520	ng	96
17) 2-Methylphenol	7.307	107	451943	38.166	ng	100
18) Hexachloroethane	7.584	117	212213	39.609	ng	96
19) n-Nitroso-di-n-propyla...	7.478	70	320905	35.084	ng	98
20) 3+4-Methylphenols	7.466	107	569726	37.696	ng	93
22) Acetophenone	7.478	105	673469	36.587	ng	100
24) Nitrobenzene	7.654	77	529861	36.874	ng	99
25) Isophorone	7.889	82	1023355	38.333	ng	99
26) 2-Nitrophenol	7.966	139	290775	41.543	ng	97
27) 2,4-Dimethylphenol	7.995	122	484922	39.581	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	624819	38.085	ng	99
29) 2,4-Dichlorophenol	8.207	162	442557	40.687	ng	98
30) 1,2,4-Trichlorobenzene	8.295	180	468110	40.189	ng	97
31) Naphthalene	8.384	128	1471128	38.184	ng	100
32) Benzoic acid	8.107	122	383105m	42.246	ng	
33) 4-Chloroaniline	8.425	127	671492	39.304	ng	99
34) Hexachlorobutadiene	8.489	225	277962	42.450	ng	99
35) Caprolactam	8.807	113	152027	40.999	ng	90
36) 4-Chloro-3-methylphenol	8.895	107	474137	40.462	ng	100
37) 2-Methylnaphthalene	9.072	142	1027698	39.380	ng	99
38) 1-Methylnaphthalene	9.172	142	968287	39.926	ng	99
40) 1,2,4,5-Tetrachloroben...	9.236	216	454214	39.450	ng	99
41) Hexachlorocyclopentadiene	9.225	237	285286	42.469	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	333270	40.493	ng	98

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44) 2,4,5-Trichlorophenol	9.383	196	380402	40.156	ng	99
46) 1,1'-Biphenyl	9.536	154	1192641	37.810	ng	98
47) 2-Chloronaphthalene	9.566	162	912822	37.996	ng	98
48) 2-Nitroaniline	9.660	65	261601	36.613	ng	# 82
49) Acenaphthylene	9.989	152	1503536	38.346	ng	100
50) Dimethylphthalate	9.836	163	1157008	40.427	ng	99
51) 2,6-Dinitrotoluene	9.901	165	262910	41.132	ng	89
52) Acenaphthene	10.160	154	951092	38.745	ng	100
53) 3-Nitroaniline	10.072	138	306340	39.520	ng	100
54) 2,4-Dinitrophenol	10.172	184	145520	41.478	ng	91
55) Dibenzofuran	10.330	168	1327495	38.489	ng	99
56) 4-Nitrophenol	10.213	139	235197	40.322	ng	92
57) 2,4-Dinitrotoluene	10.307	165	349662	42.113	ng	91
58) Fluorene	10.678	166	1010285	38.061	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.442	232	293038	42.432	ng	98
60) Diethylphthalate	10.536	149	1200613	42.169	ng	99
61) 4-Chlorophenyl-phenyle...	10.666	204	512694	40.699	ng	98
62) 4-Nitroaniline	10.695	138	281692	37.896	ng	96
63) Azobenzene	10.825	77	1021199	36.823	ng	96
65) 4,6-Dinitro-2-methylph...	10.719	198	194518	44.937	ng	93
66) n-Nitrosodiphenylamine	10.783	169	912668	38.215	ng	98
67) 4-Bromophenyl-phenylether	11.160	248	329542	42.196	ng	99
68) Hexachlorobenzene	11.230	284	349492	41.868	ng	# 89
69) Atrazine	11.307	200	302802	44.080	ng	97
70) Pentachlorophenol	11.419	266	246155	42.918	ng	99
71) Phenanthrene	11.648	178	1497063	37.563	ng	100
72) Anthracene	11.701	178	1531749	37.765	ng	99
73) Carbazole	11.854	167	1305096	35.886	ng	100
74) Di-n-butylphthalate	12.172	149	1781663	41.439	ng	100
75) Fluoranthene	12.848	202	1433209	35.239	ng	98
77) Benzidine	12.960	184	502490	41.106	ng	99
78) Pyrene	13.077	202	1415007	50.316	ng	100
80) Butylbenzylphthalate	13.683	149	605310	48.717	ng	97
81) Benzo(a)anthracene	14.271	228	973367	39.802	ng	99
82) 3,3'-Dichlorobenzidine	14.230	252	303278	38.937	ng	98
83) Chrysene	14.313	228	894568	39.066	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	768962	45.787	ng	100
85) Di-n-octyl phthalate	14.877	149	1140684	41.642	ng	97
87) Indeno(1,2,3-cd)pyrene	17.524	276	1023480	45.839	ng	97
88) Benzo(b)fluoranthene	15.395	252	844598	39.542	ng	99
89) Benzo(k)fluoranthene	15.430	252	769259	37.731	ng	97
90) Benzo(a)pyrene	15.807	252	780453	39.239	ng	99
91) Dibenzo(a,h)anthracene	17.548	278	836729	46.611	ng	99
92) Benzo(g,h,i)perylene	18.036	276	853892	46.043	ng	98

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

