

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140417.D
 Acq On : 16 Nov 2024 09:34
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 00:04:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	171491	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	639592	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	364979	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	687284	20.000	ng	0.00
76) Chrysene-d12	14.051	240	387415	20.000	ng	0.00
86) Perylene-d12	15.545	264	336604	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	787994	78.454	ng	0.01
7) Phenol-d6	6.522	99	1049788	77.144	ng	0.02
23) Nitrobenzene-d5	7.445	82	962351	78.395	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	289499	79.764	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1729565	76.179	ng	0.00
79) Terphenyl-d14	12.992	244	1850283	82.901	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	172832	38.608	ng	99
3) Pyridine	3.416	79	428144	38.903	ng	99
4) n-Nitrosodimethylamine	3.375	42	215142	38.679	ng	100
6) Aniline	6.545	93	404530	34.173	ng	# 59
8) 2-Chlorophenol	6.669	128	426051	39.489	ng	98
9) Benzaldehyde	6.428	77	275132	33.734	ng	99
10) Phenol	6.534	94	541819	37.755	ng	80
11) bis(2-Chloroethyl)ether	6.616	93	424589	39.048	ng	99
12) 1,3-Dichlorobenzene	6.816	146	477931	40.148	ng	99
13) 1,4-Dichlorobenzene	6.898	146	471860	39.091	ng	99
14) 1,2-Dichlorobenzene	7.051	146	443164	39.548	ng	100
15) Benzyl Alcohol	7.022	79	386829	39.455	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	552688	36.798	ng	71
17) 2-Methylphenol	7.140	107	342515	38.591	ng	# 93
18) Hexachloroethane	7.387	117	174720	39.154	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	307154	37.372	ng	99
20) 3+4-Methylphenols	7.292	107	421150	37.942	ng	99
22) Acetophenone	7.287	105	580166	39.001	ng	99
24) Nitrobenzene	7.463	77	499492	39.081	ng	99
25) Isophorone	7.698	82	846924	38.928	ng	99
26) 2-Nitrophenol	7.775	139	233325	41.139	ng	99
27) 2,4-Dimethylphenol	7.816	122	291470m	40.141	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	526391	39.459	ng	99
29) 2,4-Dichlorophenol	8.022	162	354095	39.458	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	397157	39.752	ng	99
31) Naphthalene	8.181	128	1280078	39.453	ng	100
32) Benzoic acid	7.945	122	289465	45.304	ng	96
33) 4-Chloroaniline	8.234	127	393461	34.870	ng	100
34) Hexachlorobutadiene	8.292	225	252633	39.687	ng	99
35) Caprolactam	8.604	113	122313	41.008	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	397602	39.981	ng	100
37) 2-Methylnaphthalene	8.869	142	817627	39.301	ng	100
38) 1-Methylnaphthalene	8.969	142	800228	39.279	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	397151	39.350	ng	99
41) Hexachlorocyclopentadiene	9.022	237	95452	36.835	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	259845	39.230	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	287468	39.696	ng	98
46) 1,1'-Biphenyl	9.334	154	1020486	38.433	ng	100
47) 2-Chloronaphthalene	9.363	162	779794	38.553	ng	99
48) 2-Nitroaniline	9.457	65	263815	39.329	ng	97
49) Acenaphthylene	9.781	152	1182571	38.643	ng	100
50) Dimethylphthalate	9.633	163	927828	39.001	ng	100
51) 2,6-Dinitrotoluene	9.704	165	214746	39.596	ng	97
52) Acenaphthene	9.951	154	800838	38.745	ng	99
53) 3-Nitroaniline	9.875	138	216865	38.075	ng	100
54) 2,4-Dinitrophenol	9.981	184	118699	42.441	ng	98
55) Dibenzofuran	10.122	168	1128530	38.569	ng	100
56) 4-Nitrophenol	10.045	139	161221	38.806	ng	97
57) 2,4-Dinitrotoluene	10.104	165	285597	40.012	ng	99
58) Fluorene	10.463	166	891798	38.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	231741	40.529	ng	98
60) Diethylphthalate	10.333	149	957261	39.351	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	443760	38.886	ng	98
62) 4-Nitroaniline	10.486	138	233091	40.025	ng	98
63) Azobenzene	10.616	77	913925	38.024	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	162374	43.912	ng	99
66) n-Nitrosodiphenylamine	10.575	169	770535	38.802	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	272428	39.654	ng	99
68) Hexachlorobenzene	11.016	284	307743	39.812	ng	97
69) Atrazine	11.104	200	210416	35.023	ng	99
70) Pentachlorophenol	11.210	266	167682	40.271	ng	99
71) Phenanthrene	11.433	178	1234090	38.224	ng	100
72) Anthracene	11.480	178	1223863	38.679	ng	100
73) Carbazole	11.639	167	1206562	38.618	ng	100
74) Di-n-butylphthalate	11.963	149	1497471	39.934	ng	100
75) Fluoranthene	12.622	202	1392952	38.456	ng	99
77) Benzidine	12.739	184	403532	27.139	ng	99
78) Pyrene	12.851	202	1398048	42.188	ng	100
80) Butylbenzylphthalate	13.463	149	562104	44.155	ng	97
81) Benzo(a)anthracene	14.039	228	1030059	40.455	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	306565	37.880	ng	99
83) Chrysene	14.080	228	867443	37.339	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	742638	43.706	ng	99
85) Di-n-octyl phthalate	14.645	149	987420	41.261	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	851380	40.946	ng	100
88) Benzo(b)fluoranthene	15.110	252	814060	36.971	ng	99
89) Benzo(k)fluoranthene	15.139	252	715432	39.773	ng	99
90) Benzo(a)pyrene	15.480	252	672678	39.340	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	707111	41.141	ng	99
92) Benzo(g,h,i)perylene	17.509	276	709860	40.399	ng	100

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

