

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140319.D
 Acq On : 11 Nov 2024 16:00
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 11 23:48:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 11 23:41:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	172492	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	623449	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	329324	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	594981	20.000	ng	0.00
76) Chrysene-d12	14.057	240	306375	20.000	ng	0.00
86) Perylene-d12	15.545	264	315832	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1414433	141.669	ng	0.00
7) Phenol-d6	6.522	99	1870588	140.999	ng	0.01
23) Nitrobenzene-d5	7.451	82	1767326	147.162	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	463077	144.737	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2799417	134.205	ng	0.00
79) Terphenyl-d14	12.992	244	2588105	144.852	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	334974	74.603	ng	99
3) Pyridine	3.422	79	804549	74.354	ng	99
4) n-Nitrosodimethylamine	3.398	42	441808	77.833	ng	100
6) Aniline	6.551	93	761566	65.065	ng	# 81
8) 2-Chlorophenol	6.675	128	743911	70.181	ng	99
10) Phenol	6.534	94	988717	70.257	ng	92
11) bis(2-Chloroethyl)ether	6.622	93	790276	73.278	ng	99
12) 1,3-Dichlorobenzene	6.822	146	839951	70.292	ng	98
13) 1,4-Dichlorobenzene	6.898	146	841208	69.826	ng	99
14) 1,2-Dichlorobenzene	7.057	146	753185	67.642	ng	99
15) Benzyl Alcohol	7.028	79	704135	71.775	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1050798	71.190	ng	95
17) 2-Methylphenol	7.133	107	634271	72.919	ng	98
18) Hexachloroethane	7.392	117	324098	71.784	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	576890	71.400	ng	98
20) 3+4-Methylphenols	7.292	107	732575	67.226	ng	93
22) Acetophenone	7.298	105	1012901	69.949	ng	99
24) Nitrobenzene	7.475	77	912411	72.584	ng	99
25) Isophorone	7.710	82	1580375	75.547	ng	100
26) 2-Nitrophenol	7.781	139	413009	76.807	ng	100
27) 2,4-Dimethylphenol	7.816	122	530448	75.472	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	931774	72.785	ng	100
29) 2,4-Dichlorophenol	8.022	162	621456	72.013	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	692726	71.189	ng	100
31) Naphthalene	8.186	128	2184119	69.893	ng	100
32) Benzoic acid	7.975	122	548050	86.637	ng	99
33) 4-Chloroaniline	8.239	127	781218	72.272	ng	99
34) Hexachlorobutadiene	8.298	225	439637	70.118	ng	99
35) Caprolactam	8.633	113	214067m	78.114	ng	
36) 4-Chloro-3-methylphenol	8.722	107	699758	73.552	ng	99
37) 2-Methylnaphthalene	8.875	142	1385944	69.692	ng	100
38) 1-Methylnaphthalene	8.975	142	1338803	68.947	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	662247	71.701	ng	99
41) Hexachlorocyclopentadiene	9.022	237	189318	82.339	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	458139	76.047	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	489271	74.972	ng	99

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46) 1,1'-Biphenyl	9.339	154	1684460	69.753	ng	99
47) 2-Chloronaphthalene	9.369	162	1321269	71.501	ng	99
48) 2-Nitroaniline	9.463	65	477856	78.047	ng	98
49) Acenaphthylene	9.780	152	1941570	69.917	ng	99
50) Dimethylphthalate	9.645	163	1578022	73.786	ng	99
51) 2,6-Dinitrotoluene	9.710	165	366781	76.217	ng	98
52) Acenaphthene	9.957	154	1371013	72.897	ng	100
53) 3-Nitroaniline	9.880	138	374417	73.533	ng	98
54) 2,4-Dinitrophenol	9.986	184	220207	90.442	ng	97
55) Dibenzofuran	10.127	168	1797330	68.443	ng	99
56) 4-Nitrophenol	10.039	139	293561	80.785	ng	98
57) 2,4-Dinitrotoluene	10.116	165	465698	73.487	ng	93
58) Fluorene	10.469	166	1415748	68.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	383185	73.805	ng	99
60) Diethylphthalate	10.345	149	1549519	71.138	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	695745	67.757	ng	99
62) 4-Nitroaniline	10.498	138	385650	75.674	ng	100
63) Azobenzene	10.621	77	1572796	72.323	ng	100
65) 4,6-Dinitro-2-methylph...	10.527	198	272138	83.301	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1256038	72.397	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	442559	74.236	ng	99
68) Hexachlorobenzene	11.021	284	488551	73.170	ng	100
69) Atrazine	11.104	200	269603	62.380	ng	100
70) Pentachlorophenol	11.210	266	301592	80.768	ng	99
71) Phenanthrene	11.433	178	1928437	68.972	ng	100
72) Anthracene	11.486	178	1919498	70.222	ng	99
73) Carbazole	11.639	167	1878976	70.195	ng	99
74) Di-n-butylphthalate	11.963	149	2235914	69.795	ng	100
75) Fluoranthene	12.621	202	2022599	66.071	ng	99
77) Benzidine	12.745	184	1170875	109.063	ng	99
78) Pyrene	12.851	202	2006330	74.385	ng	99
80) Butylbenzylphthalate	13.463	149	783120	76.290	ng	98
81) Benzo(a)anthracene	14.045	228	1490409	74.303	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	507058	78.937	ng	99
83) Chrysene	14.086	228	1353952	73.749	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1015908	74.365	ng	100
85) Di-n-octyl phthalate	14.651	149	1551208	77.191	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1601174	82.224	ng	99
88) Benzo(b)fluoranthene	15.115	252	1542612	77.602	ng	99
89) Benzo(k)fluoranthene	15.145	252	1102638	65.970	ng	99
90) Benzo(a)pyrene	15.492	252	1200522	74.786	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	1298710	81.157	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1358104	82.217	ng	99

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

