

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140317.D
 Acq On : 11 Nov 2024 15:07
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 23:47:23 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	188490	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	680293	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	370689	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	672769	20.000	ng	0.00
76) Chrysene-d12	14.057	240	357198	20.000	ng	0.00
86) Perylene-d12	15.557	264	344690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1008825	92.467	ng	0.00
7) Phenol-d6	6.510	99	1355220	93.482	ng	0.00
23) Nitrobenzene-d5	7.445	82	1262830	96.367	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	338860	94.094	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2076032	88.420	ng	0.00
79) Terphenyl-d14	12.992	244	1974119	94.768	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	229784	46.832	ng	98
3) Pyridine	3.416	79	562405	47.564	ng	100
4) n-Nitrosodimethylamine	3.381	42	306143	49.355	ng	99
6) Aniline	6.545	93	593380	46.393	ng	96
8) 2-Chlorophenol	6.669	128	548484	47.353	ng	99
9) Benzaldehyde	6.434	77	365690	42.213	ng	100
10) Phenol	6.528	94	712214	46.314	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	557903	47.340	ng	98
12) 1,3-Dichlorobenzene	6.822	146	603823	46.243	ng	99
13) 1,4-Dichlorobenzene	6.898	146	605841	46.020	ng	99
14) 1,2-Dichlorobenzene	7.051	146	560042	46.027	ng	99
15) Benzyl Alcohol	7.022	79	513702	47.919	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	768433	47.642	ng	97
17) 2-Methylphenol	7.134	107	451194	47.469	ng	99
18) Hexachloroethane	7.392	117	233924	47.414	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	407703	46.177	ng	100
20) 3+4-Methylphenols	7.287	107	539942	45.344	ng	92
22) Acetophenone	7.292	105	735947	46.576	ng	97
24) Nitrobenzene	7.463	77	662239	48.281	ng	99
25) Isophorone	7.704	82	1103073	48.324	ng	100
26) 2-Nitrophenol	7.775	139	294725	50.230	ng	100
27) 2,4-Dimethylphenol	7.810	122	372121	48.522	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	671682	48.084	ng	99
29) 2,4-Dichlorophenol	8.022	162	457635	48.599	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	499266	47.021	ng	98
31) Naphthalene	8.187	128	1589641	46.619	ng	100
32) Benzoic acid	7.951	122	367662	53.265	ng	99
33) 4-Chloroaniline	8.234	127	556785	47.205	ng	98
34) Hexachlorobutadiene	8.298	225	323168	47.235	ng	99
35) Caprolactam	8.616	113	151952m	50.815	ng	
36) 4-Chloro-3-methylphenol	8.710	107	501065	48.266	ng	99
37) 2-Methylnaphthalene	8.875	142	1010879	46.584	ng	100
38) 1-Methylnaphthalene	8.975	142	985928	46.532	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	482901	46.449	ng	99
41) Hexachlorocyclopentadiene	9.022	237	139520	53.909	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	326779	48.189	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	352406	47.974	ng	99
46) 1,1'-Biphenyl	9.339	154	1253862	46.128	ng	100
47) 2-Chloronaphthalene	9.363	162	974106	46.832	ng	99
48) 2-Nitroaniline	9.457	65	343051	49.777	ng	96
49) Acenaphthylene	9.781	152	1450012	46.389	ng	100
50) Dimethylphthalate	9.639	163	1137122	47.237	ng	100
51) 2,6-Dinitrotoluene	9.704	165	262530	48.466	ng	97
52) Acenaphthene	9.951	154	996723	47.082	ng	100
53) 3-Nitroaniline	9.875	138	277286	48.380	ng	96
54) 2,4-Dinitrophenol	9.981	184	149436	54.526	ng	98
55) Dibenzofuran	10.122	168	1353421	45.788	ng	99
56) 4-Nitrophenol	10.033	139	206236	50.421	ng	98
57) 2,4-Dinitrotoluene	10.110	165	345490	48.434	ng	97
58) Fluorene	10.469	166	1056506	45.500	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	273513	46.802	ng	99
60) Diethylphthalate	10.339	149	1145515	46.722	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	523918	45.330	ng	98
62) 4-Nitroaniline	10.492	138	275087	47.955	ng	99
63) Azobenzene	10.616	77	1147094	46.862	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	191565	51.858	ng	97
66) n-Nitrosodiphenylamine	10.580	169	928671	47.339	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	320414	47.532	ng	97
68) Hexachlorobenzene	11.016	284	360021	47.686	ng	99
69) Atrazine	11.098	200	185530	37.964	ng	99
70) Pentachlorophenol	11.210	266	215827	51.117	ng	98
71) Phenanthrene	11.433	178	1457029	46.086	ng	100
72) Anthracene	11.480	178	1425615	46.124	ng	99
73) Carbazole	11.639	167	1388765	45.883	ng	99
74) Di-n-butylphthalate	11.963	149	1657343	45.753	ng	100
75) Fluoranthene	12.622	202	1551332	44.817	ng	100
77) Benzidine	12.739	184	611272	48.837	ng	99
78) Pyrene	12.851	202	1557909	49.541	ng	100
80) Butylbenzylphthalate	13.463	149	587747	49.111	ng	98
81) Benzo(a)anthracene	14.045	228	1115858	47.715	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	368741	49.237	ng	99
83) Chrysene	14.080	228	1026075	47.938	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	765345	48.052	ng	99
85) Di-n-octyl phthalate	14.657	149	1119433	47.779	ng	100
87) Indeno(1,2,3-cd)pyrene	17.068	276	1100970	51.804	ng	100
88) Benzo(b)fluoranthene	15.121	252	962122	44.348	ng	100
89) Benzo(k)fluoranthene	15.151	252	914961	50.159	ng	99
90) Benzo(a)pyrene	15.492	252	837301	47.792	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	898430	51.443	ng	99
92) Benzo(g,h,i)perylene	17.527	276	944382	52.385	ng	100

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

