

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140353.D
 Acq On : 14 Nov 2024 10:34
 Operator : RC/JU
 Sample : PB164911BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB164911BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2024

Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 14 11:22:16 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	147725	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	585071	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	312453	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	614759	20.000	ng	0.00
76) Chrysene-d12	14.051	240	351181	20.000	ng	0.00
86) Perylene-d12	15.551	264	288242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	833656	96.353	ng	0.01
7) Phenol-d6	6.504	99	1124773	95.952	ng	0.00
23) Nitrobenzene-d5	7.439	82	1031505	91.859	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	305925	98.460	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1808380	93.040	ng	0.00
79) Terphenyl-d14	12.992	244	2040433	100.853	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	155867	40.420	ng	99
3) Pyridine	3.493	79	389554	41.091	ng	99
4) n-Nitrosodimethylamine	3.451	42	230749	48.159	ng	100
6) Aniline	6.540	93	444974	43.636	ng	98
8) 2-Chlorophenol	6.663	128	478506	51.485	ng	97
10) Phenol	6.522	94	614486	49.708	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	457571	48.851	ng	97
12) 1,3-Dichlorobenzene	6.822	146	468864	45.723	ng	100
13) 1,4-Dichlorobenzene	6.892	146	474807	45.664	ng	99
14) 1,2-Dichlorobenzene	7.045	146	460082	47.663	ng	99
15) Benzyl Alcohol	7.022	79	436971	51.740	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	647937	50.080	ng	99
17) 2-Methylphenol	7.128	107	385014	50.358	ng	99
18) Hexachloroethane	7.386	117	177336	46.134	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	344372	48.642	ng	100
20) 3+4-Methylphenols	7.281	107	468915	49.042	ng	99
22) Acetophenone	7.287	105	622038	45.713	ng	99
24) Nitrobenzene	7.463	77	521208	44.580	ng	99
25) Isophorone	7.698	82	967236	48.601	ng	99
26) 2-Nitrophenol	7.775	139	252606	48.689	ng	99
27) 2,4-Dimethylphenol	7.810	122	447353	67.350	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	579421	47.482	ng	100
29) 2,4-Dichlorophenol	8.016	162	397276	48.396	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	413496	45.244	ng	99
31) Naphthalene	8.181	128	1348824	45.446	ng	100
32) Benzoic acid	7.939	122	259943	44.475	ng	95
33) 4-Chloroaniline	8.228	127	347352	33.653	ng	99
34) Hexachlorobutadiene	8.292	225	255078	43.805	ng	100
35) Caprolactam	8.598	113	136028m	49.857	ng	
36) 4-Chloro-3-methylphenol	8.710	107	437489	48.091	ng	100
37) 2-Methylnaphthalene	8.869	142	871583	45.798	ng	100
38) 1-Methylnaphthalene	8.969	142	811806	43.561	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	405051	46.879	ng	98
41) Hexachlorocyclopentadiene	9.022	237	439646	198.178	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	283526	50.002	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	305803	49.327	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	1079334	47.483	ng	99
47) 2-Chloronaphthalene	9.363	162	832011	48.050	ng	99
48) 2-Nitroaniline	9.457	65	290698	50.622	ng	98
49) Acenaphthylene	9.775	152	1321969	50.460	ng	100
50) Dimethylphthalate	9.639	163	1020427	50.104	ng	100
51) 2,6-Dinitrotoluene	9.698	165	227803	49.064	ng	98
52) Acenaphthene	9.951	154	957114	54.090	ng	100
53) 3-Nitroaniline	9.869	138	183182	37.568	ng	98
54) 2,4-Dinitrophenol	9.980	184	263702	110.138	ng	100
55) Dibenzofuran	10.122	168	1234144	49.269	ng	99
56) 4-Nitrophenol	10.033	139	391843	110.174	ng	99
57) 2,4-Dinitrotoluene	10.104	165	304491	49.830	ng	98
58) Fluorene	10.463	166	949318	47.973	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	267645	54.677	ng	99
60) Diethylphthalate	10.339	149	1026948	49.313	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	464759	47.573	ng	98
62) 4-Nitroaniline	10.486	138	239423	48.023	ng	99
63) Azobenzene	10.616	77	1000962	48.646	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	171685	51.907	ng	99
66) n-Nitrosodiphenylamine	10.575	169	852101	47.972	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	286121	46.560	ng	99
68) Hexachlorobenzene	11.016	284	318178	46.018	ng	98
69) Atrazine	11.104	200	272188	50.649	ng	100
70) Pentachlorophenol	11.210	266	327793	88.011	ng	99
71) Phenanthrene	11.427	178	1386499	48.011	ng	99
72) Anthracene	11.480	178	1353700	47.829	ng	100
73) Carbazole	11.633	167	1320288	47.244	ng	100
74) Di-n-butylphthalate	11.963	149	1606287	47.889	ng	100
75) Fluoranthene	12.616	202	1491256	46.027	ng	99
77) Benzidine	12.733	184	192923	14.313	ng	100
78) Pyrene	12.845	202	1500915	49.966	ng	99
80) Butylbenzylphthalate	13.463	149	629547	54.556	ng	98
81) Benzo(a)anthracene	14.039	228	1130109	48.964	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	300606	40.976	ng	99
83) Chrysene	14.080	228	984993	46.773	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	838588	54.444	ng	99
85) Di-n-octyl phthalate	14.657	149	1167036	53.798	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	990428	55.625	ng	100
88) Benzo(b)fluoranthene	15.115	252	972200	51.561	ng	99
89) Benzo(k)fluoranthene	15.145	252	828280	53.772	ng	98
90) Benzo(a)pyrene	15.492	252	780350	53.294	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	837946	56.934	ng	98
92) Benzo(g,h,i)perylene	17.515	276	807037	53.636	ng	99

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

