

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140704.D
 Acq On : 03 Dec 2024 12:22
 Operator : RC/JU
 Sample : PB165312BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB165312BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024

Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 12:55:08 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 21 15:23:48 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89477	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	355921	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	205335	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	400071	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241048	20.000	ng	0.00
86) Perylene-d12	15.563	264	201165	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	697561	133.016	ng	0.01
7) Phenol-d6	6.516	99	896319	129.284	ng	0.00
23) Nitrobenzene-d5	7.434	82	589073	84.657	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	301764	137.411	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1219648	88.500	ng	0.00
79) Terphenyl-d14	12.986	244	1474108	95.225	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	89096	40.408	ng	99
3) Pyridine	3.487	79	220170	45.384	ng	99
4) n-Nitrosodimethylamine	3.434	42	121115	42.478	ng	92
6) Aniline	6.534	93	249081	51.043	ng	86
8) 2-Chlorophenol	6.663	128	283092	50.176	ng	95
9) Benzaldehyde	6.422	77	45580	12.419	ng	99
10) Phenol	6.528	94	344405	48.643	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	270284	49.886	ng	100
12) 1,3-Dichlorobenzene	6.810	146	292082	46.073	ng	98
13) 1,4-Dichlorobenzene	6.887	146	298193	46.454	ng	99
14) 1,2-Dichlorobenzene	7.040	146	284253	47.258	ng	99
15) Benzyl Alcohol	7.016	79	251818	48.978	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	330582	51.647	ng	91
17) 2-Methylphenol	7.134	107	219106	48.514	ng	97
18) Hexachloroethane	7.375	117	111288	46.420	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	198906	48.545	ng	97
20) 3+4-Methylphenols	7.287	107	283882	48.903	ng	# 89
22) Acetophenone	7.281	105	383497	44.196	ng	98
24) Nitrobenzene	7.457	77	306556	42.627	ng	97
25) Isophorone	7.692	82	549561	47.352	ng	99
26) 2-Nitrophenol	7.769	139	150068	47.087	ng	97
27) 2,4-Dimethylphenol	7.804	122	230108m	60.345	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	340037	48.093	ng	100
29) 2,4-Dichlorophenol	8.016	162	241562	47.808	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	255790	44.338	ng	99
31) Naphthalene	8.175	128	850128	46.371	ng	99
32) Benzoic acid	7.939	122	103375	33.677	ng	98
33) 4-Chloroaniline	8.228	127	160604	29.259	ng	98
34) Hexachlorobutadiene	8.287	225	173390	45.376	ng	100
35) Caprolactam	8.598	113	79495m	50.838	ng	
36) 4-Chloro-3-methylphenol	8.716	107	277090	48.980	ng	99
37) 2-Methylnaphthalene	8.863	142	576985	49.550	ng	99
38) 1-Methylnaphthalene	8.963	142	532357	46.641	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	281335	46.802	ng	99
41) Hexachlorocyclopentadiene	9.010	237	227711	160.458	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	178510	47.326	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140704.D
 Acq On : 03 Dec 2024 12:22
 Operator : RC/JU
 Sample : PB165312BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165312BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 03 12:55:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	187175	45.723	ng	97
46) 1,1'-Biphenyl	9.328	154	725593	47.330	ng	100
47) 2-Chloronaphthalene	9.357	162	539639	46.456	ng	98
48) 2-Nitroaniline	9.457	65	176469	47.329	ng	94
49) Acenaphthylene	9.769	152	886756	50.523	ng	100
50) Dimethylphthalate	9.628	163	679143	50.220	ng	100
51) 2,6-Dinitrotoluene	9.698	165	144864	47.233	ng	92
52) Acenaphthene	9.939	154	538713	48.306	ng	99
53) 3-Nitroaniline	9.869	138	92352	30.787	ng	95
54) 2,4-Dinitrophenol	9.986	184	115161	73.234	ng	93
55) Dibenzofuran	10.116	168	805707	47.366	ng	99
56) 4-Nitrophenol	10.045	139	186435	91.132	ng	94
57) 2,4-Dinitrotoluene	10.104	165	194710	47.768	ng	98
58) Fluorene	10.457	166	650887	47.671	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	164361	52.242	ng	92
60) Diethylphthalate	10.328	149	687077	50.006	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	321780	48.022	ng	100
62) 4-Nitroaniline	10.486	138	150493	47.835	ng	92
63) Azobenzene	10.610	77	662311	50.902	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	98447	48.155	ng	98
66) n-Nitrosodiphenylamine	10.569	169	569197	48.110	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	196326	47.651	ng	98
68) Hexachlorobenzene	11.010	284	219248	45.957	ng	99
69) Atrazine	11.098	200	193200	58.047	ng	99
70) Pentachlorophenol	11.210	266	172712	82.256	ng	99
71) Phenanthrene	11.428	178	936606	48.703	ng	99
72) Anthracene	11.475	178	971403	51.638	ng	99
73) Carbazole	11.633	167	876731	48.447	ng	99
74) Di-n-butylphthalate	11.951	149	1111182	53.185	ng	100
75) Fluoranthene	12.616	202	1025108	49.095	ng	99
77) Benzidine	12.739	184	290435	41.441	ng	99
78) Pyrene	12.845	202	1054453	47.311	ng	100
80) Butylbenzylphthalate	13.457	149	444305	55.338	ng	98
81) Benzo(a)anthracene	14.045	228	810018	50.764	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	148845	31.069	ng	99
83) Chrysene	14.080	228	733200	50.252	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	602451	59.423	ng	99
85) Di-n-octyl phthalate	14.651	149	898867	64.876	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	725035	55.305	ng	97
88) Benzo(b)fluoranthene	15.121	252	636213	50.351	ng	98
89) Benzo(k)fluoranthene	15.151	252	533132	48.216	ng	99
90) Benzo(a)pyrene	15.498	252	547908	53.331	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	591095	55.055	ng	99
92) Benzo(g,h,i)perylene	17.539	276	562024	51.299	ng	97

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

