

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140827.D
 Acq On : 11 Dec 2024 14:16
 Operator : RC/JU
 Sample : PB165479BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

Quant Time: Dec 11 15:51:07 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	79300	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	296016	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	155476	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	317473	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	194551	20.000	ng	0.00
86) Perylene-d12	15.539	264	147656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	437314	94.092	ng	0.01
7) Phenol-d6	6.516	99	560310	91.190	ng	0.00
23) Nitrobenzene-d5	7.428	82	532114	91.947	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	175381	105.472	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1015272	97.295	ng	-0.02
79) Terphenyl-d14	12.980	244	1238212	99.103	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	78922	40.387	ng	99
3) Pyridine	3.516	79	183868	42.765	ng	99
4) n-Nitrosodimethylamine	3.451	42	109576	43.363	ng	95
6) Aniline	6.528	93	192971	44.620	ng	# 54
8) 2-Chlorophenol	6.657	128	247171	49.432	ng	95
9) Benzaldehyde	6.439	77	1375	0.423	ng	# 84
10) Phenol	6.528	94	305241	48.644	ng	93
11) bis(2-Chloroethyl)ether	6.598	93	222509	46.339	ng	99
12) 1,3-Dichlorobenzene	6.798	146	256331	45.623	ng	98
13) 1,4-Dichlorobenzene	6.875	146	262062	46.065	ng	99
14) 1,2-Dichlorobenzene	7.028	146	248632	46.641	ng	99
15) Benzyl Alcohol	7.016	79	220918	48.482	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	266114	46.911	ng	# 59
17) 2-Methylphenol	7.128	107	190781	47.664	ng	95
18) Hexachloroethane	7.369	117	97094	45.697	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	174984	48.187	ng	95
20) 3+4-Methylphenols	7.286	107	252354	49.050	ng	# 73
22) Acetophenone	7.275	105	336700	46.655	ng	95
24) Nitrobenzene	7.445	77	263832	44.110	ng	98
25) Isophorone	7.692	82	460233	47.680	ng	99
26) 2-Nitrophenol	7.763	139	129924	49.017	ng	97
27) 2,4-Dimethylphenol	7.804	122	219800m	69.307	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	274886	46.746	ng	100
29) 2,4-Dichlorophenol	8.016	162	202470	48.180	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	218364	45.510	ng	99
31) Naphthalene	8.163	128	697512	45.746	ng	100
32) Benzoic acid	7.957	122	150511	53.557	ng	98
33) 4-Chloroaniline	8.222	127	145945	31.969	ng	98
34) Hexachlorobutadiene	8.275	225	142168	44.734	ng	100
35) Caprolactam	8.610	113	62401m	47.982	ng	
36) 4-Chloro-3-methylphenol	8.716	107	216832	46.085	ng	98
37) 2-Methylnaphthalene	8.857	142	445545	46.006	ng	100
38) 1-Methylnaphthalene	8.957	142	414986	43.716	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	224328	49.286	ng	99
41) Hexachlorocyclopentadiene	9.004	237	107850	103.099	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	139232	48.750	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140827.D
 Acq On : 11 Dec 2024 14:16
 Operator : RC/JU
 Sample : PB165479BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165479BSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 15:51:07 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	144368	46.576	ng	97
46) 1,1'-Biphenyl	9.322	154	565315	48.701	ng	99
47) 2-Chloronaphthalene	9.345	162	423715	48.173	ng	99
48) 2-Nitroaniline	9.451	65	141533	50.132	ng	99
49) Acenaphthylene	9.763	152	672985	50.640	ng	100
50) Dimethylphthalate	9.622	163	515949	50.388	ng	100
51) 2,6-Dinitrotoluene	9.692	165	114624	49.358	ng	97
52) Acenaphthene	9.933	154	413941	49.021	ng	100
53) 3-Nitroaniline	9.869	138	84889	37.375	ng	94
54) 2,4-Dinitrophenol	9.986	184	128048	103.877	ng	95
55) Dibenzofuran	10.110	168	638272	49.555	ng	99
56) 4-Nitrophenol	10.057	139	139587	90.113	ng	95
57) 2,4-Dinitrotoluene	10.104	165	156131	50.587	ng	# 92
58) Fluorene	10.451	166	522457	50.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	136020	57.099	ng	94
60) Diethylphthalate	10.322	149	522765	50.249	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	255683	50.395	ng	98
62) 4-Nitroaniline	10.492	138	115229m	48.372	ng	
63) Azobenzene	10.604	77	480015	48.722	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	89488	55.161	ng	98
66) n-Nitrosodiphenylamine	10.563	169	453116	48.263	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	154577	47.279	ng	95
68) Hexachlorobenzene	11.004	284	174759	46.162	ng	100
69) Atrazine	11.092	200	137924	52.221	ng	99
70) Pentachlorophenol	11.210	266	144229	86.562	ng	100
71) Phenanthrene	11.422	178	760077	49.806	ng	99
72) Anthracene	11.469	178	760504	50.946	ng	99
73) Carbazole	11.633	167	721298	50.227	ng	99
74) Di-n-butylphthalate	11.945	149	831654	50.162	ng	99
75) Fluoranthene	12.610	202	852241	51.436	ng	100
77) Benzidine	12.739	184	83517	14.765	ng	99
78) Pyrene	12.845	202	864136	48.038	ng	99
80) Butylbenzylphthalate	13.451	149	310326	47.888	ng	98
81) Benzo(a)anthracene	14.033	228	664228	51.577	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	155318	40.169	ng	98
83) Chrysene	14.074	228	560453	47.593	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	364984	44.605	ng	100
85) Di-n-octyl phthalate	14.627	149	475150	42.490	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	536901	55.796	ng	99
88) Benzo(b)fluoranthene	15.104	252	496180	53.499	ng	100
89) Benzo(k)fluoranthene	15.133	252	474303	58.441	ng	99
90) Benzo(a)pyrene	15.480	252	409902	54.357	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	452499	57.420	ng	100
92) Benzo(g,h,i)perylene	17.521	276	441107	54.853	ng	99

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

