

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140032.D
 Acq On : 25 Oct 2024 12:38
 Operator : RC/JU
 Sample : PB164211BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164211BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 13:28:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	100609	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	384825	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	213533	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	385753	20.000	ng	0.00
76) Chrysene-d12	14.057	240	222466	20.000	ng	0.00
86) Perylene-d12	15.533	264	209605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	847690	131.902	ng	0.02
7) Phenol-d6	6.516	99	1070135	128.566	ng	0.00
23) Nitrobenzene-d5	7.451	82	705543	101.614	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	323900	162.167	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1266341	98.012	ng	0.00
79) Terphenyl-d14	12.998	244	1385603	101.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	110696	36.943	ng	96
3) Pyridine	3.522	79	300341	40.438	ng	98
4) n-Nitrosodimethylamine	3.475	42	177774	44.550	ng	96
6) Aniline	6.551	93	308540	39.773	ng	100
8) 2-Chlorophenol	6.675	128	321446	48.926	ng	97
9) Benzaldehyde	6.439	77	77818	16.619	ng	99
10) Phenol	6.528	94	398521m	46.441	ng	
11) bis(2-Chloroethyl)ether	6.628	93	304282	45.876	ng	98
12) 1,3-Dichlorobenzene	6.834	146	346665	45.966	ng	99
13) 1,4-Dichlorobenzene	6.910	146	353104	46.863	ng	99
14) 1,2-Dichlorobenzene	7.057	146	339968	48.344	ng	99
15) Benzyl Alcohol	7.028	79	302288	49.509	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	484633	42.852	ng	96
17) 2-Methylphenol	7.139	107	263475	47.030	ng	98
18) Hexachloroethane	7.404	117	128366	47.775	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	232931	46.141	ng	96
20) 3+4-Methylphenols	7.292	107	328994	45.912	ng	# 78
22) Acetophenone	7.298	105	445598	47.275	ng	99
24) Nitrobenzene	7.469	77	359081	47.169	ng	98
25) Isophorone	7.710	82	633795	48.093	ng	99
26) 2-Nitrophenol	7.786	139	166796	58.079	ng	97
27) 2,4-Dimethylphenol	7.816	122	260916	54.485	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	367055	45.971	ng	100
29) 2,4-Dichlorophenol	8.028	162	261280	47.902	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	280186	46.423	ng	99
31) Naphthalene	8.192	128	938572	47.290	ng	100
32) Benzoic acid	7.933	122	190021	45.495	ng	98
33) 4-Chloroaniline	8.239	127	128027	18.918	ng	98
34) Hexachlorobutadiene	8.310	225	185255	48.852	ng	100
35) Caprolactam	8.610	113	85127m	49.083	ng	
36) 4-Chloro-3-methylphenol	8.716	107	295731	48.964	ng	99
37) 2-Methylnaphthalene	8.886	142	597477	49.155	ng	100
38) 1-Methylnaphthalene	8.986	142	549177	46.051	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	284498	49.385	ng	98
41) Hexachlorocyclopentadiene	9.039	237	377779	188.468	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	207986	50.995	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140032.D
 Acq On : 25 Oct 2024 12:38
 Operator : RC/JU
 Sample : PB164211BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164211BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 13:28:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	207126	49.222	ng	99
46) 1,1'-Biphenyl	9.351	154	703580	47.331	ng	98
47) 2-Chloronaphthalene	9.375	162	570189	47.625	ng	99
48) 2-Nitroaniline	9.469	65	198589	54.234	ng	94
49) Acenaphthylene	9.792	152	891253	51.492	ng	99
50) Dimethylphthalate	9.651	163	654628	49.218	ng	100
51) 2,6-Dinitrotoluene	9.710	165	144662	50.233	ng	98
52) Acenaphthene	9.963	154	623188	55.657	ng	99
53) 3-Nitroaniline	9.875	138	96540	32.507	ng	99
54) 2,4-Dinitrophenol	9.986	184	164209	132.569	ng	# 1
55) Dibenzofuran	10.133	168	793128	49.370	ng	99
56) 4-Nitrophenol	10.033	139	244930	107.198	ng	94
57) 2,4-Dinitrotoluene	10.116	165	201203	56.814	ng	98
58) Fluorene	10.480	166	605076	49.451	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	175815	53.297	ng	99
60) Diethylphthalate	10.351	149	636825	48.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	300905	48.697	ng	98
62) 4-Nitroaniline	10.492	138	148786	53.046	ng	95
63) Azobenzene	10.627	77	641717	46.351	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	112992	71.811	ng	92
66) n-Nitrosodiphenylamine	10.586	169	553895	47.975	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	191927	48.296	ng	99
68) Hexachlorobenzene	11.027	284	218460	48.879	ng	97
69) Atrazine	11.110	200	182859	58.468	ng	98
70) Pentachlorophenol	11.216	266	273441	100.807	ng	100
71) Phenanthrene	11.439	178	909966	49.940	ng	100
72) Anthracene	11.492	178	913826	51.401	ng	100
73) Carbazole	11.645	167	814133	49.239	ng	99
74) Di-n-butylphthalate	11.974	149	930095	48.690	ng	100
75) Fluoranthene	12.627	202	941493	51.112	ng	99
77) Benzidine	12.745	184	167696	45.842	ng	100
78) Pyrene	12.857	202	954171	48.999	ng	100
80) Butylbenzylphthalate	13.474	149	321466	55.063	ng	99
81) Benzo(a)anthracene	14.045	228	725720	50.113	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	143739	34.042	ng	98
83) Chrysene	14.080	228	666068	50.163	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	358549	54.740	ng	100
85) Di-n-octyl phthalate	14.645	149	526700	44.209	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	686827	50.935	ng	97
88) Benzo(b)fluoranthene	15.098	252	668919	52.389	ng	99
89) Benzo(k)fluoranthene	15.127	252	517349	46.982	ng	99
90) Benzo(a)pyrene	15.468	252	559609	53.265	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	562522	50.006	ng	97
92) Benzo(g,h,i)perylene	17.486	276	532777	47.416	ng	97

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

