

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135907.D
 Acq On : 20 Oct 2023 14:31
 Operator : CG\JU
 Sample : PB156209BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

Quant Time: Oct 20 23:18:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	91679	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	372237	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	174347	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	339674	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	209321	20.000	ng	-0.01
86) Perylene-d12	15.410	264	163982	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	736671	129.188	ng	0.00
7) Phenol-d6	6.398	99	818628	115.058	ng	0.00
23) Nitrobenzene-d5	7.310	82	546091	80.687	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	213014	127.325	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	945456	84.787	ng	0.00
79) Terphenyl-d14	12.868	244	1002184	88.666	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	97850	35.576	ng	98
3) Pyridine	3.328	79	203217	30.113	ng	96
4) n-Nitrosodimethylamine	3.269	42	148172	40.828	ng	98
6) Aniline	6.404	93	257507	28.760	ng	# 77
8) 2-Chlorophenol	6.528	128	271483	44.149	ng	99
9) Benzaldehyde	6.298	77	47958	11.843	ng	97
10) Phenol	6.410	94	313998	42.118	ng	82
11) bis(2-Chloroethyl)ether	6.475	93	250607	41.719	ng	98
12) 1,3-Dichlorobenzene	6.675	146	270751	43.431	ng	98
13) 1,4-Dichlorobenzene	6.751	146	275527	43.629	ng	99
14) 1,2-Dichlorobenzene	6.898	146	253092	44.509	ng	99
15) Benzyl Alcohol	6.892	79	217236	45.920	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	462790	42.598	ng	62
17) 2-Methylphenol	7.010	107	210105	39.469	ng	95
18) Hexachloroethane	7.234	117	102686	44.846	ng	94
19) n-Nitroso-di-n-propyla...	7.157	70	185178	42.093	ng	97
20) 3+4-Methylphenols	7.163	107	275485	41.512	ng	92
22) Acetophenone	7.151	105	366856	42.973	ng	# 97
24) Nitrobenzene	7.328	77	286670	42.203	ng	99
25) Isophorone	7.563	82	552911	43.303	ng	100
26) 2-Nitrophenol	7.639	139	155096	46.788	ng	99
27) 2,4-Dimethylphenol	7.686	122	232838	42.667	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	331897	43.648	ng	99
29) 2,4-Dichlorophenol	7.886	162	239897	46.910	ng	96
30) 1,2,4-Trichlorobenzene	7.957	180	239984	45.882	ng	99
31) Naphthalene	8.039	128	747518	41.172	ng	99
32) Benzoic acid	7.851	122	142849	38.672	ng	94
33) 4-Chloroaniline	8.098	127	160961	20.295	ng	98
34) Hexachlorobutadiene	8.145	225	134178	43.339	ng	98
35) Caprolactam	8.486	113	73334m	41.947	ng	
36) 4-Chloro-3-methylphenol	8.598	107	244537	43.119	ng	99
37) 2-Methylnaphthalene	8.728	142	479946	40.122	ng	99
38) 1-Methylnaphthalene	8.828	142	453944	41.144	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	235735	47.004	ng	98
41) Hexachlorocyclopentadiene	8.875	237	78156	77.528	ng	94
43) 2,4,6-Trichlorophenol	9.022	196	146780	45.417	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
 Data File : BF135907.D
 Acq On : 20 Oct 2023 14:31
 Operator : CG\JU
 Sample : PB156209BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156209BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2023
 Supervised By :mohammad ahmed 10/21/2023

Quant Time: Oct 20 23:18:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	153657	40.878	ng	98
46) 1,1'-Biphenyl	9.198	154	555477	41.592	ng	99
47) 2-Chloronaphthalene	9.222	162	413729	42.984	ng	99
48) 2-Nitroaniline	9.333	65	138983	36.582	ng	95
49) Acenaphthylene	9.639	152	684766	42.990	ng	100
50) Dimethylphthalate	9.504	163	494499	42.015	ng	99
51) 2,6-Dinitrotoluene	9.580	165	108824	42.997	ng	96
52) Acenaphthene	9.810	154	404216	42.339	ng	99
53) 3-Nitroaniline	9.751	138	98791	31.841	ng	98
54) 2,4-Dinitrophenol	9.880	184	97077	91.885	ng	94
55) Dibenzofuran	9.986	168	619166	42.981	ng	98
56) 4-Nitrophenol	9.945	139	93850	66.978	ng	93
57) 2,4-Dinitrotoluene	9.998	165	147923	45.939	ng	93
58) Fluorene	10.327	166	489026	43.363	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	118361	41.666	ng	98
60) Diethylphthalate	10.210	149	514919	42.855	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	237208	43.520	ng	97
62) 4-Nitroaniline	10.380	138	113846	39.881	ng	97
63) Azobenzene	10.480	77	494366	42.349	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	75315	44.058	ng	82
66) n-Nitrosodiphenylamine	10.445	169	441043	42.600	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	142923	41.916	ng	100
68) Hexachlorobenzene	10.880	284	158790	45.741	ng	99
69) Atrazine	10.980	200	134077	47.611	ng	98
70) Pentachlorophenol	11.086	266	97132	70.942	ng	98
71) Phenanthrene	11.298	178	691807	42.515	ng	99
72) Anthracene	11.351	178	711507	42.197	ng	100
73) Carbazole	11.516	167	659933	41.965	ng	99
74) Di-n-butylphthalate	11.833	149	819897	42.465	ng	100
75) Fluoranthene	12.492	202	740364	40.995	ng	99
77) Benzidine	12.621	184	140199	30.694	ng	98
78) Pyrene	12.727	202	749846	45.080	ng	99
80) Butylbenzylphthalate	13.345	149	330412	45.203	ng	95
81) Benzo(a)anthracene	13.927	228	607112	44.157	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	155504	34.103	ng	98
83) Chrysene	13.963	228	550331	41.326	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	453521	45.779	ng	99
85) Di-n-octyl phthalate	14.521	149	678319	43.179	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	468105	52.390	ng	99
88) Benzo(b)fluoranthene	14.980	252	481431	52.458	ng	99
89) Benzo(k)fluoranthene	15.010	252	397179	44.577	ng	100
90) Benzo(a)pyrene	15.351	252	374032	43.341	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	388183	52.996	ng	97
92) Benzo(g,h,i)perylene	17.368	276	436942	58.073	ng	98

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

