

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136654.D
 Acq On : 20 Dec 2023 18:33
 Operator : CG\JU
 Sample : PB157565BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157565BS

Quant Time: Dec 21 02:18:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	91997	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	382722	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	196113	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	379679	20.000	ng	0.00
76) Chrysene-d12	13.974	240	198863	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	157102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	706638	119.847	ng	0.02
7) Phenol-d6	6.445	99	877773	114.892	ng	0.00
23) Nitrobenzene-d5	7.363	82	552118	73.820	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	256499	111.055	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1045655	71.713	ng	0.00
79) Terphenyl-d14	12.915	244	1104280	77.601	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	74396	30.283	ng	99
3) Pyridine	3.416	79	180091	30.045	ng	96
4) n-Nitrosodimethylamine	3.381	42	134363	41.976	ng	94
6) Aniline	6.463	93	202355	26.491	ng	# 21
8) 2-Chlorophenol	6.586	128	278397	43.146	ng	93
9) Benzaldehyde	6.345	77	74359	17.111	ng	95
10) Phenol	6.457	94	324993	39.848	ng	89
11) bis(2-Chloroethyl)ether	6.533	93	262199	42.274	ng	100
12) 1,3-Dichlorobenzene	6.733	146	273283	38.825	ng	99
13) 1,4-Dichlorobenzene	6.810	146	274778	38.205	ng	98
14) 1,2-Dichlorobenzene	6.963	146	267255	39.934	ng	99
15) Benzyl Alcohol	6.945	79	221318	42.939	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	420852	41.502	ng	95
17) 2-Methylphenol	7.057	107	218750	40.923	ng	97
18) Hexachloroethane	7.298	117	102195	39.126	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	189514	40.920	ng	97
20) 3+4-Methylphenols	7.210	107	264784	39.650	ng	# 79
22) Acetophenone	7.204	105	379455	39.556	ng	96
24) Nitrobenzene	7.380	77	286151	38.193	ng	96
25) Isophorone	7.616	82	524985	38.575	ng	99
26) 2-Nitrophenol	7.692	139	146008	40.732	ng	95
27) 2,4-Dimethylphenol	7.733	122	224177	51.369	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	317835	38.421	ng	98
29) 2,4-Dichlorophenol	7.933	162	221829	39.483	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	237826	37.992	ng	98
31) Naphthalene	8.092	128	792902	37.711	ng	99
32) Benzoic acid	7.880	122	180937	42.850	ng	94
33) 4-Chloroaniline	8.145	127	183803	23.677	ng	97
34) Hexachlorobutadiene	8.204	225	139469	36.670	ng	98
35) Caprolactam	8.527	113	75473m	40.720	ng	
36) 4-Chloro-3-methylphenol	8.639	107	247496	39.129	ng	97
37) 2-Methylnaphthalene	8.786	142	500903	37.017	ng	99
38) 1-Methylnaphthalene	8.886	142	477768	35.988	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	238437	39.258	ng	98
41) Hexachlorocyclopentadiene	8.933	237	185845	94.991	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	158717	40.748	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136654.D
 Acq On : 20 Dec 2023 18:33
 Operator : CG\JU
 Sample : PB157565BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157565BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 02:18:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	173752	40.030	ng	99
46) 1,1'-Biphenyl	9.251	154	630152	38.291	ng	99
47) 2-Chloronaphthalene	9.274	162	476247	38.067	ng	99
48) 2-Nitroaniline	9.374	65	160054	40.854	ng	97
49) Acenaphthylene	9.692	152	776581	40.611	ng	100
50) Dimethylphthalate	9.557	163	567591	39.624	ng	100
51) 2,6-Dinitrotoluene	9.622	165	126152	38.804	ng	91
52) Acenaphthene	9.863	154	456296	38.494	ng	98
53) 3-Nitroaniline	9.792	138	112158	32.568	ng	95
54) 2,4-Dinitrophenol	9.904	184	146739	81.375	ng	93
55) Dibenzofuran	10.039	168	686170	38.187	ng	98
56) 4-Nitrophenol	9.969	139	189486	81.507	ng	94
57) 2,4-Dinitrotoluene	10.027	165	161340	38.229	ng	95
58) Fluorene	10.380	166	544867	38.216	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	145780	43.631	ng	99
60) Diethylphthalate	10.263	149	583519	39.261	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	257909	37.216	ng	95
62) 4-Nitroaniline	10.416	138	121414m	36.572	ng	
63) Azobenzene	10.533	77	545030	39.262	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	91509	42.055	ng	94
66) n-Nitrosodiphenylamine	10.498	169	493811	40.037	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	163108	38.682	ng	99
68) Hexachlorobenzene	10.927	284	179324	38.162	ng	96
69) Atrazine	11.027	200	125267	39.709	ng	98
70) Pentachlorophenol	11.127	266	157445	71.883	ng	99
71) Phenanthrene	11.345	178	781882	40.134	ng	98
72) Anthracene	11.398	178	776767	39.371	ng	99
73) Carbazole	11.557	167	713796	38.373	ng	100
74) Di-n-butylphthalate	11.886	149	920094	40.536	ng	100
75) Fluoranthene	12.539	202	802353	38.503	ng	98
77) Benzidine	12.663	184	33883	5.779	ng	98
78) Pyrene	12.768	202	807310	41.354	ng	100
80) Butylbenzylphthalate	13.392	149	317019	44.629	ng	98
81) Benzo(a)anthracene	13.962	228	558188	40.423	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	160153	40.839	ng	98
83) Chrysene	13.998	228	542914	40.205	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	397996	44.532	ng	99
85) Di-n-octyl phthalate	14.568	149	623334	45.088	ng	99
87) Indeno(1,2,3-cd)pyrene	16.950	276	553775	48.821	ng	100
88) Benzo(b)fluoranthene	15.015	252	469788	44.772	ng	100
89) Benzo(k)fluoranthene	15.045	252	455881	45.979	ng	99
90) Benzo(a)pyrene	15.386	252	410822	46.383	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	467630	50.252	ng	97
92) Benzo(g,h,i)perylene	17.409	276	460626	48.329	ng	98

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

