

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136715.D
 Acq On : 26 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157895BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157895BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 13:14:20 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98829	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	404330	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	192639	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	359576	20.000	ng	0.00
76) Chrysene-d12	13.968	240	188950	20.000	ng	0.00
86) Perylene-d12	15.445	264	153171	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	740610	116.925	ng	0.02
7) Phenol-d6	6.445	99	902137	109.918	ng	0.00
23) Nitrobenzene-d5	7.357	82	577085	73.035	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	254535	112.192	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1057927	73.863	ng	0.00
79) Terphenyl-d14	12.910	244	1035960	76.619	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	77091	29.211	ng	98
3) Pyridine	3.399	79	187533	29.124	ng	98
4) n-Nitrosodimethylamine	3.363	42	137925	40.110	ng	95
6) Aniline	6.451	93	199655	24.331	ng	# 20
8) 2-Chlorophenol	6.581	128	292709	42.229	ng	95
9) Benzaldehyde	6.340	77	66848	14.319	ng	99
10) Phenol	6.457	94	331869	37.878	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	275126	41.292	ng	99
12) 1,3-Dichlorobenzene	6.728	146	289367	38.268	ng	99
13) 1,4-Dichlorobenzene	6.804	146	298432	38.626	ng	99
14) 1,2-Dichlorobenzene	6.957	146	280270	38.984	ng	98
15) Benzyl Alcohol	6.939	79	236923	42.789	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	438876	40.288	ng	86
17) 2-Methylphenol	7.051	107	223598	38.939	ng	95
18) Hexachloroethane	7.292	117	108175	38.552	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	194559	39.105	ng	97
20) 3+4-Methylphenols	7.204	107	274764	38.300	ng	# 84
22) Acetophenone	7.198	105	396392	39.113	ng	94
24) Nitrobenzene	7.375	77	297516	37.588	ng	96
25) Isophorone	7.610	82	537944	37.415	ng	99
26) 2-Nitrophenol	7.686	139	152930	40.383	ng	99
27) 2,4-Dimethylphenol	7.728	122	224546	48.704	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	329207	37.669	ng	100
29) 2,4-Dichlorophenol	7.934	162	222503	37.486	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	252468	38.175	ng	98
31) Naphthalene	8.086	128	829884	37.361	ng	99
32) Benzoic acid	7.881	122	177261	39.736	ng	97
33) 4-Chloroaniline	8.139	127	175175	21.359	ng	98
34) Hexachlorobutadiene	8.198	225	146784	36.531	ng	98
35) Caprolactam	8.522	113	73869m	37.725	ng	
36) 4-Chloro-3-methylphenol	8.633	107	245823	36.788	ng	99
37) 2-Methylnaphthalene	8.781	142	521150	36.456	ng	99
38) 1-Methylnaphthalene	8.880	142	491844	35.069	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	244992	41.065	ng	98
41) Hexachlorocyclopentadiene	8.928	237	174361	90.949	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	154923	40.491	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136715.D
 Acq On : 26 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157895BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157895BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 13:14:20 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	9.116	196	171662	40.262	ng	97
46) 1,1'-Biphenyl	9.245	154	639311	39.548	ng	99
47) 2-Chloronaphthalene	9.269	162	488602	39.759	ng	100
48) 2-Nitroaniline	9.375	65	155552	40.421	ng	93
49) Acenaphthylene	9.686	152	771158	41.054	ng	100
50) Dimethylphthalate	9.551	163	559351	39.753	ng	99
51) 2,6-Dinitrotoluene	9.616	165	125617	39.337	ng	# 87
52) Acenaphthene	9.857	154	447023	38.392	ng	99
53) 3-Nitroaniline	9.786	138	105783	31.271	ng	97
54) 2,4-Dinitrophenol	9.904	184	137866	77.995	ng	96
55) Dibenzofuran	10.033	168	678739	38.455	ng	98
56) 4-Nitrophenol	9.969	139	179089	78.424	ng	98
57) 2,4-Dinitrotoluene	10.027	165	157176	37.914	ng	96
58) Fluorene	10.375	166	542835	38.761	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	142252	43.343	ng	99
60) Diethylphthalate	10.257	149	561227	38.442	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	256487	37.678	ng	95
62) 4-Nitroaniline	10.410	138	114567m	35.132	ng	
63) Azobenzene	10.527	77	522227	38.298	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	88889	43.135	ng	82
66) n-Nitrosodiphenylamine	10.492	169	478398	40.956	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	157747	39.502	ng	97
68) Hexachlorobenzene	10.927	284	176767	39.721	ng	96
69) Atrazine	11.022	200	116873	39.120	ng	98
70) Pentachlorophenol	11.127	266	150563	72.585	ng	97
71) Phenanthrene	11.345	178	759552	41.168	ng	99
72) Anthracene	11.392	178	760485	40.700	ng	99
73) Carbazole	11.551	167	698533	39.652	ng	99
74) Di-n-butylphthalate	11.880	149	848475	39.470	ng	100
75) Fluoranthene	12.533	202	766059	38.817	ng	98
77) Benzidine	12.657	184	33890	6.083	ng	98
78) Pyrene	12.763	202	759691	40.957	ng	100
80) Butylbenzylphthalate	13.386	149	294670	43.659	ng	97
81) Benzo(a)anthracene	13.963	228	532858	40.613	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	150848	40.484	ng	# 98
83) Chrysene	13.998	228	508090	39.600	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	367014	43.219	ng	# 97
85) Di-n-octyl phthalate	14.568	149	586671	44.662	ng	99
87) Indeno(1,2,3-cd)pyrene	16.956	276	561033	50.730	ng	99
88) Benzo(b)fluoranthene	15.015	252	451681	44.151	ng	98
89) Benzo(k)fluoranthene	15.045	252	448505	46.396	ng	99
90) Benzo(a)pyrene	15.386	252	399167	46.224	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	469261	51.721	ng	98
92) Benzo(g,h,i)perylene	17.415	276	477684	51.405	ng	99

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

