

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136310.D
 Acq On : 30 Nov 2023 13:11
 Operator : CG\JU
 Sample : PB157271BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157271BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 30 13:42:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	147622	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	655040	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	338246	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	615631	20.000	ng	0.00
76) Chrysene-d12	13.986	240	274215	20.000	ng	0.00
86) Perylene-d12	15.468	264	269198	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1218350	114.872	ng	0.02
7) Phenol-d6	6.451	99	1501494	113.221	ng	0.00
23) Nitrobenzene-d5	7.375	82	902231	72.785	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	485122	117.311	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1916515	72.373	ng	0.00
79) Terphenyl-d14	12.933	244	1909176	80.310	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	121879	30.370	ng	98
3) Pyridine	3.446	79	304435	30.731	ng	96
4) n-Nitrosodimethylamine	3.410	42	179373	35.820	ng	89
6) Aniline	6.475	93	401185	32.006	ng	94
8) 2-Chlorophenol	6.592	128	480431	41.602	ng	96
9) Benzaldehyde	6.357	77	22713	3.073	ng	91
10) Phenol	6.463	94	574963	40.412	ng	99
11) bis(2-Chloroethyl)ether	6.551	93	420660	40.303	ng	97
12) 1,3-Dichlorobenzene	6.745	146	495318	37.794	ng	97
13) 1,4-Dichlorobenzene	6.822	146	504665	37.879	ng	98
14) 1,2-Dichlorobenzene	6.975	146	474029	37.583	ng	98
15) Benzyl Alcohol	6.951	79	373851	40.208	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	575587	39.702	ng	97
17) 2-Methylphenol	7.063	107	372201	40.995	ng	99
18) Hexachloroethane	7.316	117	175118	37.473	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	315072	39.724	ng	94
20) 3+4-Methylphenols	7.216	107	465542	39.454	ng	# 89
22) Acetophenone	7.216	105	657085	38.195	ng	# 99
24) Nitrobenzene	7.392	77	468674	37.309	ng	93
25) Isophorone	7.628	82	862435	38.585	ng	97
26) 2-Nitrophenol	7.704	139	240125	44.864	ng	94
27) 2,4-Dimethylphenol	7.745	122	375200	53.260	ng	93
28) bis(2-Chloroethoxy)met...	7.839	93	530094	39.208	ng	98
29) 2,4-Dichlorophenol	7.945	162	393809	41.444	ng	97
30) 1,2,4-Trichlorobenzene	8.028	180	435347	37.421	ng	98
31) Naphthalene	8.110	128	1412275	38.358	ng	99
32) Benzoic acid	7.880	122	289701	45.122	ng	98
33) 4-Chloroaniline	8.157	127	293805	23.476	ng	97
34) Hexachlorobutadiene	8.222	225	244595	35.937	ng	98
35) Caprolactam	8.539	113	117954m	44.405	ng	
36) 4-Chloro-3-methylphenol	8.645	107	415810	40.348	ng	94
37) 2-Methylnaphthalene	8.798	142	887148	38.412	ng	100
38) 1-Methylnaphthalene	8.898	142	851820	37.808	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	419801	38.998	ng	99
41) Hexachlorocyclopentadiene	8.951	237	428042	103.340	ng	96
43) 2,4,6-Trichlorophenol	9.080	196	285564	40.871	ng	92

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136310.D
 Acq On : 30 Nov 2023 13:11
 Operator : CG\JU
 Sample : PB157271BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157271BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 30 13:42:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	303494	39.803	ng	99
46) 1,1'-Biphenyl	9.269	154	1157061	38.791	ng	99
47) 2-Chloronaphthalene	9.292	162	879058	37.949	ng	99
48) 2-Nitroaniline	9.386	65	251811	41.637	ng	95
49) Acenaphthylene	9.704	152	1378840	41.711	ng	100
50) Dimethylphthalate	9.575	163	1033870	40.440	ng	99
51) 2,6-Dinitrotoluene	9.633	165	216719	41.495	ng	99
52) Acenaphthene	9.880	154	814489	38.989	ng	99
53) 3-Nitroaniline	9.804	138	169813	32.768	ng	94
54) 2,4-Dinitrophenol	9.910	184	224603	92.465	ng	98
55) Dibenzofuran	10.051	168	1225432	39.422	ng	99
56) 4-Nitrophenol	9.969	139	322245	81.873	ng	93
57) 2,4-Dinitrotoluene	10.039	165	290356	41.619	ng	93
58) Fluorene	10.398	166	951673	39.030	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	255224	42.069	ng	99
60) Diethylphthalate	10.274	149	1001245	39.152	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	452325	38.199	ng	98
62) 4-Nitroaniline	10.422	138	196399	38.718	ng	96
63) Azobenzene	10.551	77	918535	38.743	ng	97
65) 4,6-Dinitro-2-methylph...	10.451	198	151249	44.927	ng	82
66) n-Nitrosodiphenylamine	10.510	169	832822	42.214	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	292924	40.784	ng	98
68) Hexachlorobenzene	10.945	284	332873	40.045	ng	98
69) Atrazine	11.045	200	239322	40.893	ng	97
70) Pentachlorophenol	11.139	266	314801	66.997	ng	97
71) Phenanthrene	11.363	178	1429564	41.315	ng	99
72) Anthracene	11.416	178	1443038	41.587	ng	100
73) Carbazole	11.569	167	1148615	38.921	ng	100
74) Di-n-butylphthalate	11.904	149	1496588	40.530	ng	99
75) Fluoranthene	12.551	202	1300192	37.015	ng	95
77) Benzidine	12.674	184	108448	24.059	ng	98
78) Pyrene	12.786	202	1289090	42.925	ng	99
80) Butylbenzylphthalate	13.410	149	413265	44.216	ng	98
81) Benzo(a)anthracene	13.974	228	822462	40.380	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	220450	44.964	ng	97
83) Chrysene	14.015	228	788440	40.092	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	496157	44.233	ng	# 100
85) Di-n-octyl phthalate	14.592	149	845618	46.588	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	881791	44.055	ng	99
88) Benzo(b)fluoranthene	15.033	252	810817	42.931	ng	99
89) Benzo(k)fluoranthene	15.068	252	731652	40.788	ng	100
90) Benzo(a)pyrene	15.409	252	686686	44.477	ng	98
91) Dibenzo(a,h)anthracene	17.003	278	734208	45.605	ng	99
92) Benzo(g,h,i)perylene	17.445	276	702333	43.523	ng	99

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

