

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136610.D
 Acq On : 18 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157778BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

Quant Time: Dec 18 13:29:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	128727	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	546681	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	285996	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	527201	20.000	ng	0.00
76) Chrysene-d12	13.974	240	264942	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	242964	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	979077	112.325	ng	0.02
7) Phenol-d6	6.445	99	1205885	110.885	ng	0.01
23) Nitrobenzene-d5	7.357	82	735826	72.765	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	402542	114.152	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1531012	73.045	ng	0.00
79) Terphenyl-d14	12.916	244	1708336	84.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	110168	31.955	ng	97
3) Pyridine	3.393	79	255840	30.643	ng	95
4) n-Nitrosodimethylamine	3.351	42	130728	36.040	ng	97
6) Aniline	6.457	93	374446	34.070	ng	# 18
8) 2-Chlorophenol	6.581	128	388547	40.832	ng	100
9) Benzaldehyde	6.345	77	133997	21.766	ng	91
10) Phenol	6.457	94	437187	37.779	ng	83
11) bis(2-Chloroethyl)ether	6.534	93	339502	39.359	ng	95
12) 1,3-Dichlorobenzene	6.734	146	391939	36.625	ng	97
13) 1,4-Dichlorobenzene	6.810	146	397721	36.637	ng	98
14) 1,2-Dichlorobenzene	6.957	146	378721	37.100	ng	98
15) Benzyl Alcohol	6.939	79	307459	42.220	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	403483	36.370	ng	88
17) 2-Methylphenol	7.057	107	306808	39.908	ng	93
18) Hexachloroethane	7.298	117	142106	37.494	ng	94
19) n-Nitroso-di-n-propyla...	7.210	70	244789	39.020	ng	97
20) 3+4-Methylphenols	7.210	107	376077	39.412	ng	# 74
22) Acetophenone	7.204	105	521202	38.609	ng	98
24) Nitrobenzene	7.375	77	359967	35.385	ng	96
25) Isophorone	7.616	82	692276	38.104	ng	96
26) 2-Nitrophenol	7.686	139	207507	41.492	ng	99
27) 2,4-Dimethylphenol	7.733	122	336361	54.544	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	437931	39.227	ng	99
29) 2,4-Dichlorophenol	7.933	162	326934	40.165	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	363343	38.281	ng	99
31) Naphthalene	8.092	128	1119076	37.120	ng	99
32) Benzoic acid	7.881	122	236697	38.692	ng	97
33) 4-Chloroaniline	8.145	127	272605	25.364	ng	98
34) Hexachlorobutadiene	8.204	225	207386	36.868	ng	99
35) Caprolactam	8.528	113	106385m	42.441	ng	
36) 4-Chloro-3-methylphenol	8.639	107	348070	40.274	ng	98
37) 2-Methylnaphthalene	8.786	142	738768	38.519	ng	94
38) 1-Methylnaphthalene	8.886	142	687971	36.555	ng	95
40) 1,2,4,5-Tetrachloroben...	8.951	216	359580	40.412	ng	99
41) Hexachlorocyclopentadiene	8.933	237	343689	104.263	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	236427	40.809	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136610.D
 Acq On : 18 Dec 2023 12:50
 Operator : CG\JU
 Sample : PB157778BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157778BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

Quant Time: Dec 18 13:29:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	255711	39.546	ng	97
46) 1,1'-Biphenyl	9.251	154	951519	39.100	ng	98
47) 2-Chloronaphthalene	9.275	162	723600	38.203	ng	96
48) 2-Nitroaniline	9.375	65	199759	39.323	ng	97
49) Acenaphthylene	9.692	152	1038502	38.489	ng	99
50) Dimethylphthalate	9.557	163	857554	40.727	ng	98
51) 2,6-Dinitrotoluene	9.622	165	187782	39.641	ng	96
52) Acenaphthene	9.863	154	669221	38.706	ng	95
53) 3-Nitroaniline	9.792	138	154532	31.946	ng	97
54) 2,4-Dinitrophenol	9.904	184	204216	85.267	ng	92
55) Dibenzofuran	10.039	168	964515	38.186	ng	99
56) 4-Nitrophenol	9.969	139	275093	75.861	ng	97
57) 2,4-Dinitrotoluene	10.027	165	240353	38.355	ng	# 91
58) Fluorene	10.380	166	779309	38.435	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	217425	41.978	ng	99
60) Diethylphthalate	10.263	149	821500	39.676	ng	98
61) 4-Chlorophenyl-phenyle...	10.374	204	391017	39.559	ng	93
62) 4-Nitroaniline	10.410	138	188925	39.333	ng	98
63) Azobenzene	10.533	77	714294	37.902	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	145910	44.689	ng	97
66) n-Nitrosodiphenylamine	10.498	169	703240	41.571	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	254459	41.513	ng	95
68) Hexachlorobenzene	10.927	284	282535	39.881	ng	99
69) Atrazine	11.033	200	302405	62.632	ng	99
70) Pentachlorophenol	11.133	266	275952	69.017	ng	98
71) Phenanthrene	11.351	178	1155907	39.890	ng	99
72) Anthracene	11.398	178	1177927	40.359	ng	99
73) Carbazole	11.557	167	1002375	38.803	ng	99
74) Di-n-butylphthalate	11.886	149	1305454	41.223	ng	99
75) Fluoranthene	12.539	202	1125216	37.054	ng	97
77) Benzidine	12.663	184	229000	38.742	ng	98
78) Pyrene	12.768	202	1106867	42.658	ng	98
80) Butylbenzylphthalate	13.392	149	418957	45.357	ng	95
81) Benzo(a)anthracene	13.963	228	747205	40.488	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	227118	43.893	ng	98
83) Chrysene	14.004	228	716164	39.443	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	534655	47.217	ng	100
85) Di-n-octyl phthalate	14.574	149	809998	48.428	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	843847	49.993	ng	99
88) Benzo(b)fluoranthene	15.021	252	664485	40.000	ng	98
89) Benzo(k)fluoranthene	15.051	252	654544	41.809	ng	99
90) Benzo(a)pyrene	15.392	252	600799	43.793	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	705195	50.997	ng	99
92) Benzo(g,h,i)perylene	17.433	276	702732	49.512	ng	99

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

