

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134547.D
 Acq On : 01 Aug 2023 14:27
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:43:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	220485	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	863869	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	433432	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	785259	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	498206	20.000	ng	0.00
86) Perylene-d12	15.415	264	453778	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1078872	74.381	ng	0.00
7) Phenol-d6	6.428	99	1403758	75.709	ng	0.00
23) Nitrobenzene-d5	7.357	82	1150891	83.256	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	357482	80.907	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1962270	75.275	ng	0.00
79) Terphenyl-d14	12.910	244	2173886	76.921	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	246814	36.984	ng	96
3) Pyridine	3.299	79	679650	37.584	ng	93
4) n-Nitrosodimethylamine	3.269	42	331092	38.319	ng	# 69
6) Aniline	6.463	93	922213	37.921	ng	92
8) 2-Chlorophenol	6.581	128	569630	38.931	ng	94
9) Benzaldehyde	6.345	77	331514	35.734	ng	98
10) Phenol	6.440	94	690580m	37.795	ng	
11) bis(2-Chloroethyl)ether	6.540	93	556431	38.335	ng	92
12) 1,3-Dichlorobenzene	6.734	146	573712	37.898	ng	97
13) 1,4-Dichlorobenzene	6.810	146	569533	37.539	ng	99
14) 1,2-Dichlorobenzene	6.963	146	534475	37.809	ng	97
15) Benzyl Alcohol	6.939	79	496454	38.812	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.075	45	874641	38.463	ng	88
17) 2-Methylphenol	7.045	107	498816	38.580	ng	93
18) Hexachloroethane	7.304	117	210159	39.467	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	414017	37.295	ng	90
20) 3+4-Methylphenols	7.198	107	592885	38.023	ng	# 70
22) Acetophenone	7.204	105	727606	36.484	ng	# 91
24) Nitrobenzene	7.375	77	604513	40.478	ng	100
25) Isophorone	7.616	82	1130866	37.507	ng	98
26) 2-Nitrophenol	7.692	139	253546	40.707	ng	# 87
27) 2,4-Dimethylphenol	7.728	122	509523	37.874	ng	86
28) bis(2-Chloroethoxy)met...	7.828	93	685570	38.011	ng	99
29) 2,4-Dichlorophenol	7.928	162	466624	38.217	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	494525	37.981	ng	99
31) Naphthalene	8.098	128	1603497	36.933	ng	99
32) Benzoic acid	7.845	122	345390	40.774	ng	89
33) 4-Chloroaniline	8.145	127	705854	36.487	ng	99
34) Hexachlorobutadiene	8.216	225	284678	37.905	ng	96
35) Caprolactam	8.522	113	150317	38.158	ng	91
36) 4-Chloro-3-methylphenol	8.622	107	491219	37.988	ng	91
37) 2-Methylnaphthalene	8.786	142	1072411	37.265	ng	100
38) 1-Methylnaphthalene	8.886	142	1001669	37.431	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	470529	37.332	ng	97
41) Hexachlorocyclopentadiene	8.939	237	252514	41.199	ng	91
43) 2,4,6-Trichlorophenol	9.063	196	323156	39.177	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134547.D
 Acq On : 01 Aug 2023 14:27
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:43:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
 Supervised By :mohammad ahmed 08/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	372716	39.535	ng	91
46) 1,1'-Biphenyl	9.251	154	1270680	37.700	ng	97
47) 2-Chloronaphthalene	9.275	162	947519	37.518	ng	97
48) 2-Nitroaniline	9.369	65	313679	40.378	ng	98
49) Acenaphthylene	9.692	152	1489627	37.524	ng	99
50) Dimethylphthalate	9.557	163	1122995	38.014	ng	98
51) 2,6-Dinitrotoluene	9.616	165	242210	40.431	ng	88
52) Acenaphthene	9.863	154	978978	38.053	ng	98
53) 3-Nitroaniline	9.786	138	286641	43.533	ng	98
54) 2,4-Dinitrophenol	9.880	184	76990	41.901	ng	89
55) Dibenzofuran	10.033	168	1370571	37.424	ng	95
56) 4-Nitrophenol	9.933	139	217063	40.307	ng	# 78
57) 2,4-Dinitrotoluene	10.016	165	299386	41.370	ng	# 92
58) Fluorene	10.380	166	969176	36.332	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.151	232	292802m	39.257	ng	
60) Diethylphthalate	10.257	149	1074611	38.377	ng	97
61) 4-Chlorophenyl-phenyle...	10.375	204	485037	36.992	ng	91
62) 4-Nitroaniline	10.398	138	273261	42.341	ng	89
63) Azobenzene	10.533	77	1123414	37.342	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	119943	39.641	ng	93
66) n-Nitrosodiphenylamine	10.492	169	948547	37.951	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	330514	38.449	ng	97
68) Hexachlorobenzene	10.922	284	343637	37.857	ng	99
69) Atrazine	11.022	200	266635	39.579	ng	97
70) Pentachlorophenol	11.110	266	238400	42.417	ng	96
71) Phenanthrene	11.339	178	1563111	37.476	ng	100
72) Anthracene	11.392	178	1577058	37.016	ng	99
73) Carbazole	11.545	167	1407093	36.990	ng	100
74) Di-n-butylphthalate	11.886	149	1588808	39.313	ng	98
75) Fluoranthene	12.527	202	1629705	36.989	ng	96
77) Benzidine	12.651	184	470254	43.482	ng	96
78) Pyrene	12.757	202	1666439	38.655	ng	97
80) Butylbenzylphthalate	13.392	149	622664	42.714	ng	# 95
81) Benzo(a)anthracene	13.945	228	1379999	38.738	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	405343	39.254	ng	# 99
83) Chrysene	13.986	228	1333978	38.435	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	713153	41.571	ng	100
85) Di-n-octyl phthalate	14.574	149	1091383	41.835	ng	97
87) Indeno(1,2,3-cd)pyrene	16.886	276	1056499	39.587	ng	# 92
88) Benzo(b)fluoranthene	14.992	252	1063120	38.414	ng	# 98
89) Benzo(k)fluoranthene	15.021	252	1084479	39.336	ng	# 98
90) Benzo(a)pyrene	15.357	252	999163	38.721	ng	# 98
91) Dibenzo(a,h)anthracene	16.909	278	872627	40.459	ng	# 95
92) Benzo(g,h,i)perylene	17.333	276	874057	39.729	ng	# 94

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

