

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129803.D
 Acq On : 16 Aug 2022 10:26
 Operator : CG\JU
 Sample : PB146771BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146771BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 02:52:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	181481	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	757974	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	408417	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	700981	20.000	ng	0.00
76) Chrysene-d12	14.010	240	430394	20.000	ng	0.00
86) Perylene-d12	15.474	264	341420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1327698	121.129	ng	0.01
7) Phenol-d6	6.487	99	1640174	119.492	ng	0.00
23) Nitrobenzene-d5	7.398	82	1085729	76.680	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	506906	123.663	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2028602	75.439	ng	0.00
79) Terphenyl-d14	12.945	244	2164594	83.685	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	169851	37.560	ng	99
3) Pyridine	3.434	79	388744	32.849	ng	99
4) n-Nitrosodimethylamine	3.381	42	241005	44.190	ng	96
6) Aniline	6.493	93	634621	40.565	ng	96
8) 2-Chlorophenol	6.622	128	542094	44.426	ng	99
9) Benzaldehyde	6.381	77	344284	48.221	ng	98
10) Phenol	6.498	94	640368	42.531	ng	86
11) bis(2-Chloroethyl)ether	6.563	93	508775	44.498	ng	97
12) 1,3-Dichlorobenzene	6.763	146	550648	41.801	ng	98
13) 1,4-Dichlorobenzene	6.840	146	563532	41.867	ng	99
14) 1,2-Dichlorobenzene	6.992	146	535410	42.829	ng	100
15) Benzyl Alcohol	6.981	79	446744	43.112	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.093	45	660515	43.113	ng	97
17) 2-Methylphenol	7.098	107	434091	44.306	ng	100
18) Hexachloroethane	7.328	117	217417	43.014	ng	96
19) n-Nitroso-di-n-propyla...	7.240	70	371467	42.815	ng	99
20) 3+4-Methylphenols	7.251	107	551826	41.958	ng	97
22) Acetophenone	7.240	105	752139	40.720	ng	98
24) Nitrobenzene	7.416	77	566695	39.691	ng	100
25) Isophorone	7.651	82	1040787	42.707	ng	99
26) 2-Nitrophenol	7.728	139	297000	42.290	ng	99
27) 2,4-Dimethylphenol	7.769	122	466359	46.304	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	643070	45.193	ng	99
29) 2,4-Dichlorophenol	7.981	162	450324	40.890	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	452032	38.907	ng	97
31) Naphthalene	8.128	128	1551815	39.156	ng	99
32) Benzoic acid	7.928	122	176720	41.112	ng	96
33) 4-Chloroaniline	8.187	127	597597	38.344	ng	99
34) Hexachlorobutadiene	8.239	225	278427	39.357	ng	99
35) Caprolactam	8.575	113	140042m	40.891	ng	
36) 4-Chloro-3-methylphenol	8.687	107	496297	41.772	ng	99
37) 2-Methylnaphthalene	8.822	142	1035261	39.800	ng	100
38) 1-Methylnaphthalene	8.922	142	980674	38.794	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	461322	40.611	ng	99
41) Hexachlorocyclopentadiene	8.969	237	383477	94.023	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	292020	39.566	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129803.D
 Acq On : 16 Aug 2022 10:26
 Operator : CG\JU
 Sample : PB146771BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146771BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 02:52:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	308867	38.898	ng	98
46) 1,1'-Biphenyl	9.286	154	1259887	40.606	ng	99
47) 2-Chloronaphthalene	9.316	162	977584	39.821	ng	99
48) 2-Nitroaniline	9.422	65	314515	40.540	ng	92
49) Acenaphthylene	9.728	152	1457501	39.151	ng	100
50) Dimethylphthalate	9.592	163	1161819	39.682	ng	99
51) 2,6-Dinitrotoluene	9.663	165	259640	40.881	ng	91
52) Acenaphthene	9.898	154	890292	39.418	ng	100
53) 3-Nitroaniline	9.834	138	231226	32.921	ng	95
54) 2,4-Dinitrophenol	9.951	184	236248	82.119	ng	98
55) Dibenzofuran	10.075	168	1330102	39.199	ng	98
56) 4-Nitrophenol	10.028	139	271920	87.024	ng	96
57) 2,4-Dinitrotoluene	10.069	165	329314	39.943	ng	91
58) Fluorene	10.416	166	1092795	38.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	245878	42.195	ng	# 82
60) Diethylphthalate	10.286	149	1152779	39.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	510021	40.114	ng	98
62) 4-Nitroaniline	10.457	138	273447m	38.592	ng	
63) Azobenzene	10.569	77	1103085	39.531	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	166166	40.379	ng	96
66) n-Nitrosodiphenylamine	10.528	169	957480	40.469	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	334011	40.682	ng	97
68) Hexachlorobenzene	10.963	284	360485	40.533	ng	99
69) Atrazine	11.057	200	314459	43.304	ng	95
70) Pentachlorophenol	11.175	266	208190	78.217	ng	94
71) Phenanthrene	11.386	178	1527977	39.029	ng	100
72) Anthracene	11.433	178	1573902	40.427	ng	99
73) Carbazole	11.598	167	1417433	40.107	ng	99
74) Di-n-butylphthalate	11.910	149	1802650	39.632	ng	100
75) Fluoranthene	12.575	202	1547584	38.630	ng	98
77) Benzidine	12.698	184	860577	88.482	ng	100
78) Pyrene	12.804	202	1548895	41.413	ng	99
80) Butylbenzylphthalate	13.410	149	674715	42.633	ng	95
81) Benzo(a)anthracene	13.998	228	1158261	39.121	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	331409	36.142	ng	98
83) Chrysene	14.033	228	1063680	38.380	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	863270	45.977	ng	99
85) Di-n-octyl phthalate	14.574	149	1145969	44.213	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	989693	42.224	ng	100
88) Benzo(b)fluoranthene	15.045	252	1006492	43.051	ng	100
89) Benzo(k)fluoranthene	15.074	252	858934	38.310	ng	98
90) Benzo(a)pyrene	15.415	252	801268	43.522	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	860714	44.505	ng	99
92) Benzo(g,h,i)perylene	17.415	276	875150	45.358	ng	98

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

