

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129690.D
 Acq On : 10 Aug 2022 10:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/11/2022
 Supervised By : Jagrut Upadhyay 08/11/2022

Quant Time: Aug 10 15:27:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	176136	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	701049	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	381486	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	652882	20.000	ng	0.00
76) Chrysene-d12	14.021	240	438761	20.000	ng	0.00
86) Perylene-d12	15.492	264	334338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	824441	76.249	ng	0.00
7) Phenol-d6	6.492	99	1036923	76.296	ng	0.00
23) Nitrobenzene-d5	7.410	82	1009770	78.628	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	299353	81.619	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1856679	75.289	ng	0.00
79) Terphenyl-d14	12.957	244	1966784	84.568	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	173633	35.592	ng	89
3) Pyridine	3.363	79	472583	34.883	ng	90
4) n-Nitrosodimethylamine	3.322	42	213396	35.870	ng	92
6) Aniline	6.510	93	596895	35.329	ng	# 30
8) 2-Chlorophenol	6.634	128	462823	39.179	ng	97
9) Benzaldehyde	6.392	77	313797	33.999	ng	98
10) Phenol	6.510	94	568714m	39.295	ng	
11) bis(2-Chloroethyl)ether	6.575	93	446382	38.891	ng	94
12) 1,3-Dichlorobenzene	6.781	146	496399	39.181	ng	97
13) 1,4-Dichlorobenzene	6.857	146	505828	39.258	ng	99
14) 1,2-Dichlorobenzene	7.010	146	468686	39.574	ng	98
15) Benzyl Alcohol	6.992	79	401893	40.773	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	589003	34.139	ng	# 40
17) 2-Methylphenol	7.110	107	374307	38.195	ng	# 88
18) Hexachloroethane	7.345	117	194579	40.106	ng	90
19) n-Nitroso-di-n-propyla...	7.257	70	332102	40.364	ng	92
20) 3+4-Methylphenols	7.263	107	491336	39.432	ng	# 89
22) Acetophenone	7.251	105	649449	39.790	ng	98
24) Nitrobenzene	7.428	77	509607	38.535	ng	98
25) Isophorone	7.669	82	881649	38.299	ng	97
26) 2-Nitrophenol	7.739	139	256463	39.310	ng	97
27) 2,4-Dimethylphenol	7.786	122	381671m	39.001	ng	
28) bis(2-Chloroethoxy)met...	7.869	93	514712	38.544	ng	99
29) 2,4-Dichlorophenol	7.992	162	396721	39.277	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	410114	39.226	ng	97
31) Naphthalene	8.145	128	1388113	38.973	ng	100
32) Benzoic acid	7.922	122	161429	22.818	ng	98
33) 4-Chloroaniline	8.198	127	567911	38.837	ng	98
34) Hexachlorobutadiene	8.251	225	249947	42.058	ng	99
35) Caprolactam	8.586	113	128159m	39.027	ng	
36) 4-Chloro-3-methylphenol	8.692	107	434419	40.551	ng	97
37) 2-Methylnaphthalene	8.839	142	926101	40.011	ng	100
38) 1-Methylnaphthalene	8.933	142	898377	40.206	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	398576	39.790	ng	99
41) Hexachlorocyclopentadiene	8.980	237	178715	40.066	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	272535	37.460	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	296554	37.482	ng	# 93
46) 1,1'-Biphenyl	9.298	154	1092384	39.237	ng	100
47) 2-Chloronaphthalene	9.328	162	864160	38.396	ng	100
48) 2-Nitroaniline	9.433	65	285025	38.085	ng	89
49) Acenaphthylene	9.745	152	1323367	38.697	ng	100
50) Dimethylphthalate	9.604	163	1067357	40.530	ng	100
51) 2,6-Dinitrotoluene	9.675	165	231655	39.301	ng	96
52) Acenaphthene	9.916	154	873418m	39.103	ng	
53) 3-Nitroaniline	9.845	138	258740	37.174	ng	# 96
54) 2,4-Dinitrophenol	9.957	184	107874	35.850	ng	91
55) Dibenzofuran	10.086	168	1196489	38.858	ng	95
56) 4-Nitrophenol	10.027	139	191579	37.309	ng	96
57) 2,4-Dinitrotoluene	10.080	165	297890	38.687	ng	96
58) Fluorene	10.433	166	1010311	41.008	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	227464	37.202	ng	95
60) Diethylphthalate	10.298	149	1048296	41.178	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	458492	42.213	ng	# 88
62) 4-Nitroaniline	10.469	138	252503	36.570	ng	94
63) Azobenzene	10.580	77	1007141	38.787	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	161443	39.177	ng	93
66) n-Nitrosodiphenylamine	10.545	169	849651	39.078	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	293850	41.102	ng	97
68) Hexachlorobenzene	10.980	284	321054	41.445	ng	98
69) Atrazine	11.069	200	273672	41.439	ng	95
70) Pentachlorophenol	11.180	266	152404	36.190	ng	98
71) Phenanthrene	11.398	178	1391484	39.044	ng	99
72) Anthracene	11.451	178	1383521	39.503	ng	99
73) Carbazole	11.610	167	1235160	37.465	ng	99
74) Di-n-butylphthalate	11.921	149	1673056	42.613	ng	99
75) Fluoranthene	12.586	202	1441724	39.925	ng	98
77) Benzidine	12.710	184	624010	40.258	ng	100
78) Pyrene	12.821	202	1438922	39.218	ng	99
80) Butylbenzylphthalate	13.427	149	691917	43.477	ng	91
81) Benzo(a)anthracene	14.010	228	1160522	38.721	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	360195	36.399	ng	99
83) Chrysene	14.051	228	1091148	38.629	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	942718	44.995	ng	98
85) Di-n-octyl phthalate	14.592	149	1399071	46.403	ng	96
87) Indeno(1,2,3-cd)pyrene	16.986	276	859190	38.161	ng	98
88) Benzo(b)fluoranthene	15.062	252	892188	40.229	ng	99
89) Benzo(k)fluoranthene	15.092	252	866314	39.861	ng	99
90) Benzo(a)pyrene	15.433	252	702580	39.025	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	713539	38.938	ng	99
92) Benzo(g,h,i)perylene	17.433	276	706611	37.736	ng	99

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

