

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129315.D
 Acq On : 22 Jul 2022 14:49
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/25/2022
 Supervised By : Jagrut Upadhyay 07/25/2022

Quant Time: Jul 22 16:47:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	130258	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	497238	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	260082	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	442587	20.000	ng	0.00
76) Chrysene-d12	14.068	240	265070	20.000	ng	-0.01
86) Perylene-d12	15.557	264	211736	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	622338	77.927	ng	0.00
7) Phenol-d6	6.522	99	796777	78.265	ng	0.00
23) Nitrobenzene-d5	7.463	82	772716	83.605	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	219616	87.522	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1356449	80.232	ng	0.00
79) Terphenyl-d14	13.010	244	1299101	91.277	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	133140	37.598	ng	91
3) Pyridine	3.463	79	370444	37.889	ng	96
4) n-Nitrosodimethylamine	3.422	42	191158	43.546	ng	# 90
6) Aniline	6.557	93	472024	37.681	ng	96
8) 2-Chlorophenol	6.681	128	346739	39.605	ng	97
9) Benzaldehyde	6.445	77	265368	38.000	ng	96
10) Phenol	6.534	94	413729	38.670	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	322928	38.129	ng	95
12) 1,3-Dichlorobenzene	6.834	146	377446	40.001	ng	99
13) 1,4-Dichlorobenzene	6.910	146	383482	40.165	ng	98
14) 1,2-Dichlorobenzene	7.063	146	355074	40.248	ng	96
15) Benzyl Alcohol	7.034	79	318246	43.087	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	472439	36.591	ng	94
17) 2-Methylphenol	7.139	107	281865	39.504	ng	96
18) Hexachloroethane	7.404	117	149561	41.751	ng	88
19) n-Nitroso-di-n-propyla...	7.304	70	247399	40.785	ng	97
20) 3+4-Methylphenols	7.298	107	363079	39.017	ng	92
22) Acetophenone	7.304	105	483674	41.428	ng	# 98
24) Nitrobenzene	7.481	77	389712	40.939	ng	98
25) Isophorone	7.716	82	640536	39.474	ng	99
26) 2-Nitrophenol	7.792	139	184425	40.152	ng	97
27) 2,4-Dimethylphenol	7.828	122	269430m	38.991	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	356707	37.946	ng	99
29) 2,4-Dichlorophenol	8.033	162	288962	40.204	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	298560	39.970	ng	96
31) Naphthalene	8.198	128	1022550	40.096	ng	99
32) Benzoic acid	7.939	122	195717	38.751	ng	94
33) 4-Chloroaniline	8.245	127	404766	38.914	ng	98
34) Hexachlorobutadiene	8.310	225	185478	43.443	ng	99
35) Caprolactam	8.622	113	88029m	38.402	ng	
36) 4-Chloro-3-methylphenol	8.728	107	313207	41.018	ng	94
37) 2-Methylnaphthalene	8.892	142	658889	39.871	ng	100
38) 1-Methylnaphthalene	8.992	142	642948	40.214	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	286514	41.962	ng	98
41) Hexachlorocyclopentadiene	9.039	237	144974	48.171	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	205409	41.166	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	222761	41.153	ng	# 90
46) 1,1'-Biphenyl	9.357	154	775731	40.364	ng	98
47) 2-Chloronaphthalene	9.380	162	615448	39.979	ng	97
48) 2-Nitroaniline	9.480	65	213401	41.276	ng	91
49) Acenaphthylene	9.798	152	952456	40.289	ng	100
50) Dimethylphthalate	9.657	163	724158	40.527	ng	99
51) 2,6-Dinitrotoluene	9.722	165	164003	40.992	ng	96
52) Acenaphthene	9.969	154	628824m	40.987	ng	
53) 3-Nitroaniline	9.892	138	181415	38.108	ng	# 97
54) 2,4-Dinitrophenol	9.992	184	84012	41.497	ng	89
55) Dibenzofuran	10.139	168	863656	40.509	ng	94
56) 4-Nitrophenol	10.045	139	136495	39.263	ng	88
57) 2,4-Dinitrotoluene	10.122	165	218277	41.616	ng	97
58) Fluorene	10.486	166	698218	41.033	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	172756m	41.398	ng	
60) Diethylphthalate	10.351	149	720292	41.898	ng	98
61) 4-Chlorophenyl-phenyle...	10.474	204	308654	41.461	ng	# 88
62) 4-Nitroaniline	10.510	138	182471	38.808	ng	94
63) Azobenzene	10.633	77	721261	40.552	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	119060	43.737	ng	94
66) n-Nitrosodiphenylamine	10.592	169	594432	40.626	ng	97
67) 4-Bromophenyl-phenylether	10.969	248	199296	41.733	ng	98
68) Hexachlorobenzene	11.033	284	220565	42.171	ng	100
69) Atrazine	11.121	200	179566	40.154	ng	99
70) Pentachlorophenol	11.227	266	119350	41.506	ng	99
71) Phenanthrene	11.451	178	973398	40.070	ng	99
72) Anthracene	11.504	178	965336	40.104	ng	99
73) Carbazole	11.657	167	877923	39.100	ng	98
74) Di-n-butylphthalate	11.980	149	1047668	40.384	ng	100
75) Fluoranthene	12.639	202	974842	39.376	ng	99
77) Benzidine	12.763	184	415570	39.340	ng	100
78) Pyrene	12.874	202	980756	43.260	ng	98
80) Butylbenzylphthalate	13.480	149	380367	41.117	ng	99
81) Benzo(a)anthracene	14.062	228	731766	40.091	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	236208	39.424	ng	98
83) Chrysene	14.098	228	689782	40.039	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	449567	39.573	ng	99
85) Di-n-octyl phthalate	14.651	149	615734	37.872	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	673691	46.413	ng	96
88) Benzo(b)fluoranthene	15.121	252	549010	38.957	ng	98
89) Benzo(k)fluoranthene	15.151	252	563725	41.196	ng	99
90) Benzo(a)pyrene	15.498	252	454573	39.865	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	543534	46.458	ng	98
92) Benzo(g,h,i)perylene	17.533	276	572517	47.094	ng	98

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

