

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129329.D
 Acq On : 25 Jul 2022 11:16
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/26/2022
 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 25 16:13:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:12:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	152647	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	574035	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	550833	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	520044	20.000	ng	0.00
76) Chrysene-d12	14.068	240	371346	20.000	ng	0.00
86) Perylene-d12	15.551	264	274542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	727883	77.775	ng	0.00
7) Phenol-d6	6.516	99	936362	78.486	ng	0.00
23) Nitrobenzene-d5	7.457	82	906339	84.944	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	386365	72.701	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2524535	70.505	ng	0.00
79) Terphenyl-d14	13.004	244	1624187	81.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	152250	36.688	ng	91
3) Pyridine	3.463	79	589646	51.464	ng	93
4) n-Nitrosodimethylamine	3.428	42	301330	58.575	ng	97
6) Aniline	6.551	93	560647	38.191	ng	98
8) 2-Chlorophenol	6.675	128	404789	39.454	ng	96
9) Benzaldehyde	6.440	77	290277	35.470	ng	96
10) Phenol	6.534	94	488558m	38.966	ng	
11) bis(2-Chloroethyl)ether	6.622	93	375376	37.821	ng	96
12) 1,3-Dichlorobenzene	6.828	146	438544	39.659	ng	98
13) 1,4-Dichlorobenzene	6.904	146	444602	39.736	ng	99
14) 1,2-Dichlorobenzene	7.057	146	415519	40.192	ng	97
15) Benzyl Alcohol	7.028	79	371624	42.934	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	543693	35.933	ng	92
17) 2-Methylphenol	7.139	107	336259	40.216	ng	96
18) Hexachloroethane	7.398	117	173717	41.382	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	292090	41.090	ng	95
20) 3+4-Methylphenols	7.292	107	425843	39.050	ng	93
22) Acetophenone	7.298	105	560445	41.581	ng	94
24) Nitrobenzene	7.475	77	452502	41.175	ng	98
25) Isophorone	7.710	82	752236	40.156	ng	99
26) 2-Nitrophenol	7.787	139	211219	39.833	ng	95
27) 2,4-Dimethylphenol	7.822	122	316962	39.733	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	428369	39.473	ng	98
29) 2,4-Dichlorophenol	8.028	162	335042	40.379	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	348519	40.416	ng	97
31) Naphthalene	8.192	128	1202626	40.848	ng	99
32) Benzoic acid	7.951	122	237434	40.721	ng	98
33) 4-Chloroaniline	8.239	127	471178	39.238	ng	98
34) Hexachlorobutadiene	8.304	225	220988	44.835	ng	99
35) Caprolactam	8.628	113	105940	40.033	ng	# 76
36) 4-Chloro-3-methylphenol	8.722	107	374256	42.456	ng	98
37) 2-Methylnaphthalene	8.886	142	1174927	61.587	ng	99
38) 1-Methylnaphthalene	8.986	142	1175915	63.709	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	564994	39.070	ng	98
41) Hexachlorocyclopentadiene	9.033	237	285839	44.845	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	427809	40.481	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	453062	39.520	ng	# 92
46) 1,1'-Biphenyl	9.351	154	1572421	38.632	ng	100
47) 2-Chloronaphthalene	9.375	162	1269628	38.941	ng	99
48) 2-Nitroaniline	9.475	65	450270	41.121	ng	90
49) Acenaphthylene	9.792	152	1942427	38.795	ng	100
50) Dimethylphthalate	9.651	163	1500422	39.648	ng	99
51) 2,6-Dinitrotoluene	9.716	165	341273	40.275	ng	97
52) Acenaphthene	9.963	154	1152855	35.480	ng	97
53) 3-Nitroaniline	9.886	138	398430	39.517	ng	# 96
54) 2,4-Dinitrophenol	9.992	184	175782	40.996	ng	89
55) Dibenzofuran	10.133	168	1728574	38.282	ng	96
56) 4-Nitrophenol	10.039	139	297006	40.339	ng	91
57) 2,4-Dinitrotoluene	10.122	165	445899	40.140	ng	96
58) Fluorene	10.480	166	1322071	36.685	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	349678	39.565	ng	91
60) Diethylphthalate	10.345	149	1421955	39.053	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	583860	37.031	ng	92
62) 4-Nitroaniline	10.504	138	385875	38.749	ng	96
63) Azobenzene	10.627	77	1380781	36.655	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	229601	71.782	ng	92
66) n-Nitrosodiphenylamine	10.592	169	1139134	66.257	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	239242	42.636	ng	# 86
68) Hexachlorobenzene	11.027	284	263728	42.913	ng	99
69) Atrazine	11.116	200	220489	41.961	ng	97
70) Pentachlorophenol	11.222	266	148757	44.028	ng	99
71) Phenanthrene	11.445	178	1152361	40.372	ng	99
72) Anthracene	11.498	178	1135324	40.141	ng	100
73) Carbazole	11.651	167	1034850	39.225	ng	99
74) Di-n-butylphthalate	11.974	149	1304537	42.795	ng	100
75) Fluoranthene	12.633	202	1178503	40.512	ng	99
77) Benzidine	12.757	184	482400	32.597	ng	99
78) Pyrene	12.869	202	1202175	37.851	ng	98
80) Butylbenzylphthalate	13.474	149	529965	40.893	ng	99
81) Benzo(a)anthracene	14.057	228	1001989	39.185	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	336183	40.052	ng	98
83) Chrysene	14.092	228	930471	38.552	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	703591	44.208	ng	99
85) Di-n-octyl phthalate	14.645	149	1054579	46.300	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	685751	36.436	ng	97
88) Benzo(b)fluoranthene	15.115	252	748058	40.938	ng	99
89) Benzo(k)fluoranthene	15.145	252	761995	42.946	ng	100
90) Benzo(a)pyrene	15.492	252	598327	40.468	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	563901	37.173	ng	99
92) Benzo(g,h,i)perylene	17.527	276	557461	35.365	ng	97

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

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