

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129306.D
 Acq On : 22 Jul 2022 09:14
 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 10:56:24 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	139039	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	534055	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	280160	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	483592	20.000	ng	0.00
76) Chrysene-d12	14.074	240	328613	20.000	ng	0.00
86) Perylene-d12	15.562	264	252448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	677559	79.483	ng	0.00
7) Phenol-d6	6.522	99	854530	78.637	ng	0.00
23) Nitrobenzene-d5	7.463	82	825719	83.181	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	237401	87.830	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1425065	78.250	ng	0.00
79) Terphenyl-d14	13.010	244	1473596	83.517	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	143816	38.048	ng	92
3) Pyridine	3.463	79	380596	36.469	ng	96
4) n-Nitrosodimethylamine	3.416	42	201970	43.103	ng	# 94
6) Aniline	6.563	93	521734	39.019	ng	100
8) 2-Chlorophenol	6.681	128	375320	40.162	ng	97
9) Benzaldehyde	6.445	77	289736	38.869	ng	94
10) Phenol	6.534	94	453288	39.691	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	347207	38.407	ng	97
12) 1,3-Dichlorobenzene	6.834	146	406754	40.385	ng	98
13) 1,4-Dichlorobenzene	6.910	146	410332	40.263	ng	97
14) 1,2-Dichlorobenzene	7.069	146	387192	41.117	ng	100
15) Benzyl Alcohol	7.034	79	339445	43.055	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	520066	37.735	ng	93
17) 2-Methylphenol	7.145	107	302800	39.758	ng	98
18) Hexachloroethane	7.404	117	159034	41.592	ng	# 87
19) n-Nitroso-di-n-propyla...	7.304	70	265427	40.994	ng	99
20) 3+4-Methylphenols	7.298	107	389875	39.250	ng	94
22) Acetophenone	7.304	105	510629	40.721	ng	# 98
24) Nitrobenzene	7.481	77	416749	40.761	ng	98
25) Isophorone	7.716	82	693425	39.788	ng	99
26) 2-Nitrophenol	7.792	139	196715	39.875	ng	98
27) 2,4-Dimethylphenol	7.828	122	292632m	39.430	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	391200	38.747	ng	98
29) 2,4-Dichlorophenol	8.034	162	307340	39.813	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	320464	39.945	ng	96
31) Naphthalene	8.198	128	1103471	40.286	ng	99
32) Benzoic acid	7.939	122	215583	39.741	ng	97
33) 4-Chloroaniline	8.245	127	436786	39.097	ng	99
34) Hexachlorobutadiene	8.316	225	199649	43.538	ng	98
35) Caprolactam	8.622	113	99505m	40.416	ng	
36) 4-Chloro-3-methylphenol	8.728	107	336336	41.011	ng	96
37) 2-Methylnaphthalene	8.892	142	711372	40.080	ng	100
38) 1-Methylnaphthalene	8.992	142	688585	40.099	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	303992	41.331	ng	98
41) Hexachlorocyclopentadiene	9.039	237	153380	47.312	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	217385	40.444	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	239786	41.124	ng	# 91
46) 1,1'-Biphenyl	9.357	154	829624	40.075	ng	99
47) 2-Chloronaphthalene	9.380	162	668895	40.337	ng	98
48) 2-Nitroaniline	9.480	65	231375	41.545	ng	89
49) Acenaphthylene	9.798	152	1034137	40.609	ng	100
50) Dimethylphthalate	9.657	163	778956	40.470	ng	100
51) 2,6-Dinitrotoluene	9.722	165	176437	40.939	ng	100
52) Acenaphthene	9.969	154	678129m	41.033	ng	
53) 3-Nitroaniline	9.892	138	199799	38.962	ng	# 94
54) 2,4-Dinitrophenol	9.998	184	92071	42.219	ng	# 84
55) Dibenzofuran	10.145	168	948360	41.294	ng	97
56) 4-Nitrophenol	10.045	139	154178	41.171	ng	89
57) 2,4-Dinitrotoluene	10.122	165	239468	42.384	ng	97
58) Fluorene	10.486	166	758846	41.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	186714	41.537	ng	# 88
60) Diethylphthalate	10.351	149	782563	42.258	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	330930	41.268	ng	# 89
62) 4-Nitroaniline	10.510	138	203595	40.197	ng	96
63) Azobenzene	10.633	77	785058	40.976	ng	94
65) 4,6-Dinitro-2-methylph...	10.533	198	129540	43.552	ng	94
66) n-Nitrosodiphenylamine	10.598	169	637344	39.865	ng	96
67) 4-Bromophenyl-phenylether	10.969	248	214484	41.105	ng	97
68) Hexachlorobenzene	11.033	284	238393	41.715	ng	99
69) Atrazine	11.122	200	201966	41.333	ng	98
70) Pentachlorophenol	11.227	266	132585	42.199	ng	98
71) Phenanthrene	11.451	178	1067468	40.217	ng	99
72) Anthracene	11.504	178	1067724	40.597	ng	98
73) Carbazole	11.657	167	983972	40.108	ng	99
74) Di-n-butylphthalate	11.980	149	1195622	42.179	ng	100
75) Fluoranthene	12.639	202	1100843	40.695	ng	99
77) Benzidine	12.763	184	537291	41.028	ng	99
78) Pyrene	12.874	202	1109012	39.459	ng	99
80) Butylbenzylphthalate	13.480	149	465045	40.550	ng	99
81) Benzo(a)anthracene	14.063	228	889084	39.291	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	293356	39.495	ng	# 97
83) Chrysene	14.098	228	837371	39.207	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	573528	40.722	ng	# 98
85) Di-n-octyl phthalate	14.651	149	803529	39.866	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	743216	42.945	ng	97
88) Benzo(b)fluoranthene	15.121	252	709873	42.248	ng	99
89) Benzo(k)fluoranthene	15.151	252	635035	38.923	ng	99
90) Benzo(a)pyrene	15.498	252	536461	39.459	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	601839	43.146	ng	99
92) Benzo(g,h,i)perylene	17.539	276	622426	42.942	ng	98

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

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