

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128643.D
 Acq On : 02 Jun 2022 15:59
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060222

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 03 00:03:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	90207	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	319716	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	187711	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	292005	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	199494	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	174048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	438789	77.479	ng	0.00
7) Phenol-d6	6.492	99	535391	77.446	ng	0.00
23) Nitrobenzene-d5	7.392	82	555849	80.945	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	158993	71.686	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1053978	78.654	ng	0.00
79) Terphenyl-d14	12.945	244	977990	85.185	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	83805	39.860	ng	# 91
3) Pyridine	3.287	79	225145	40.311	ng	# 87
4) n-Nitrosodimethylamine	3.246	42	155152	40.059	ng	# 70
6) Aniline	6.492	93	289659	38.851	ng	# 81
8) 2-Chlorophenol	6.628	128	228254	39.389	ng	95
9) Benzaldehyde	6.375	77	143520	34.077	ng	92
10) Phenol	6.504	94	286977	39.271	ng	76
11) bis(2-Chloroethyl)ether	6.563	93	213662	39.902	ng	98
12) 1,3-Dichlorobenzene	6.769	146	267769	39.970	ng	99
13) 1,4-Dichlorobenzene	6.845	146	275941	40.784	ng	97
14) 1,2-Dichlorobenzene	6.998	146	250150	39.524	ng	98
15) Benzyl Alcohol	6.975	79	233431	40.357	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.104	45	372541	42.226	ng	52
17) 2-Methylphenol	7.116	107	185962m	40.603	ng	
18) Hexachloroethane	7.340	117	102681	40.791	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	173280	40.314	ng	97
20) 3+4-Methylphenols	7.263	107	247563	40.488	ng	# 81
22) Acetophenone	7.234	105	333023	39.826	ng	# 92
24) Nitrobenzene	7.410	77	254942	40.439	ng	94
25) Isophorone	7.651	82	404186	38.754	ng	98
26) 2-Nitrophenol	7.728	139	122342	44.045	ng	# 88
27) 2,4-Dimethylphenol	7.781	122	174990	41.357	ng	93
28) bis(2-Chloroethoxy)met...	7.863	93	269141	40.822	ng	98
29) 2,4-Dichlorophenol	7.987	162	200249	40.891	ng	98
30) 1,2,4-Trichlorobenzene	8.051	180	221381	40.148	ng	97
31) Naphthalene	8.134	128	655438	39.946	ng	99
32) Benzoic acid	7.910	122	129595m	43.170	ng	
33) 4-Chloroaniline	8.187	127	240912	38.943	ng	95
34) Hexachlorobutadiene	8.251	225	161972	41.419	ng	98
35) Caprolactam	8.551	113	52593m	38.837	ng	
36) 4-Chloro-3-methylphenol	8.686	107	213205	39.893	ng	95
37) 2-Methylnaphthalene	8.822	142	428306	41.040	ng	99
38) 1-Methylnaphthalene	8.922	142	411949	40.855	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	234014	40.141	ng	100
41) Hexachlorocyclopentadiene	8.975	237	143414	40.926	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	154658	39.230	ng	97

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44) 2,4,5-Trichlorophenol	9.169	196	159800	39.223	ng	# 94
46) 1,1'-Biphenyl	9.286	154	545378	38.722	ng	98
47) 2-Chloronaphthalene	9.316	162	421656	39.234	ng	99
48) 2-Nitroaniline	9.416	65	150421	40.930	ng	98
49) Acenaphthylene	9.728	152	647991	39.385	ng	99
50) Dimethylphthalate	9.592	163	499432	38.871	ng	100
51) 2,6-Dinitrotoluene	9.651	165	108828	42.915	ng	# 75
52) Acenaphthene	9.898	154	428051m	39.951	ng	
53) 3-Nitroaniline	9.828	138	109871	39.920	ng	99
54) 2,4-Dinitrophenol	9.928	184	59241	41.941	ng	89
55) Dibenzofuran	10.075	168	612448	39.773	ng	94
56) 4-Nitrophenol	10.033	139	76047	38.118	ng	# 67
57) 2,4-Dinitrotoluene	10.051	165	140547	41.529	ng	# 86
58) Fluorene	10.416	166	422068	35.344	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	129931m	38.611	ng	
60) Diethylphthalate	10.292	149	456316	35.336	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	221247	35.720	ng	95
62) 4-Nitroaniline	10.439	138	92321	33.130	ng	# 75
63) Azobenzene	10.569	77	442283	34.791	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	72877	42.290	ng	96
66) n-Nitrosodiphenylamine	10.528	169	375128	41.796	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	139126	42.724	ng	95
68) Hexachlorobenzene	10.963	284	153550	42.459	ng	93
69) Atrazine	11.057	200	117354	40.660	ng	97
70) Pentachlorophenol	11.163	266	71808	39.777	ng	95
71) Phenanthrene	11.380	178	599417	40.926	ng	98
72) Anthracene	11.427	178	589637	40.674	ng	100
73) Carbazole	11.592	167	535082	39.740	ng	99
74) Di-n-butylphthalate	11.916	149	665969	40.623	ng	99
75) Fluoranthene	12.569	202	613344	40.062	ng	95
77) Benzidine	12.692	184	161604	40.637	ng	98
78) Pyrene	12.798	202	610249	41.116	ng	97
80) Butylbenzylphthalate	13.421	149	250894	40.253	ng	96
81) Benzo(a)anthracene	13.986	228	506446	40.727	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	106775	40.135	ng	98
83) Chrysene	14.021	228	487639	41.132	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	335320	41.381	ng	99
85) Di-n-octyl phthalate	14.592	149	526226	43.118	ng	100
87) Indeno(1,2,3-cd)pyrene	16.915	276	482805	46.024	ng	# 91
88) Benzo(b)fluoranthene	15.033	252	410290	36.892	ng	# 98
89) Benzo(k)fluoranthene	15.063	252	424809	40.605	ng	# 97
90) Benzo(a)pyrene	15.398	252	349310	39.962	ng	# 96
91) Dibenzo(a,h)anthracene	16.939	278	397293	45.658	ng	# 94
92) Benzo(g,h,i)perylene	17.362	276	398266	46.181	ng	# 91

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

