

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128149.D
 Acq On : 09 May 2022 15:16
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF050922

Quant Time: May 09 15:45:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/10/2022
 Supervised By : Jagrut Upadhyay 05/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	100539	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	375448	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	217546	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	396802	20.000	ng	0.00
76) Chrysene-d12	14.080	240	291306	20.000	ng	0.00
86) Perylene-d12	15.568	264	234332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	499829	79.252	ng	0.00
7) Phenol-d6	6.528	99	663808	79.577	ng	0.00
23) Nitrobenzene-d5	7.463	82	680095	81.508	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	199405	79.922	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1071970	77.101	ng	0.00
79) Terphenyl-d14	13.015	244	1230130	79.238	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	114721	40.891	ng	98
3) Pyridine	3.481	79	301236	40.472	ng	97
4) n-Nitrosodimethylamine	3.457	42	155593	41.935	ng	91
6) Aniline	6.563	93	385478	40.920	ng	99
8) 2-Chlorophenol	6.681	128	256616	39.949	ng	98
9) Benzaldehyde	6.451	77	167750	39.521	ng	95
10) Phenol	6.539	94	353748	40.214	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	267071	40.539	ng	99
12) 1,3-Dichlorobenzene	6.834	146	290039	40.115	ng	97
13) 1,4-Dichlorobenzene	6.910	146	292248	40.002	ng	97
14) 1,2-Dichlorobenzene	7.069	146	272254	39.546	ng	99
15) Benzyl Alcohol	7.039	79	269155	40.830	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	393807	40.311	ng	100
17) 2-Methylphenol	7.145	107	219829	40.337	ng	97
18) Hexachloroethane	7.404	117	110335	39.975	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	204811	39.869	ng	98
20) 3+4-Methylphenols	7.298	107	269544	39.946	ng	97
22) Acetophenone	7.310	105	366317	39.182	ng	97
24) Nitrobenzene	7.481	77	313714	40.737	ng	99
25) Isophorone	7.722	82	531568	40.636	ng	98
26) 2-Nitrophenol	7.792	139	138563	40.977	ng	95
27) 2,4-Dimethylphenol	7.828	122	210950	40.473	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	331335	40.070	ng	97
29) 2,4-Dichlorophenol	8.033	162	221983	40.511	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	252831	40.260	ng	99
31) Naphthalene	8.204	128	738774	39.843	ng	99
32) Benzoic acid	7.963	122	168007	43.103	ng	89
33) 4-Chloroaniline	8.251	127	298066	40.493	ng	97
34) Hexachlorobutadiene	8.310	225	168587	39.978	ng	98
35) Caprolactam	8.633	113	71342	39.885	ng	95
36) 4-Chloro-3-methylphenol	8.733	107	249540	40.758	ng	99
37) 2-Methylnaphthalene	8.892	142	504866	40.385	ng	97
38) 1-Methylnaphthalene	8.992	142	479018	39.896	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	256529	39.976	ng	100
41) Hexachlorocyclopentadiene	9.039	237	110663	40.440	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	169322	40.955	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	177625	40.294	ng	99
46) 1,1'-Biphenyl	9.357	154	628830	39.705	ng	99
47) 2-Chloronaphthalene	9.386	162	468337	39.898	ng	99
48) 2-Nitroaniline	9.480	65	173384	41.199	ng	93
49) Acenaphthylene	9.804	152	711728	40.087	ng	100
50) Dimethylphthalate	9.657	163	562379	40.059	ng	100
51) 2,6-Dinitrotoluene	9.727	165	124824	40.533	ng	95
52) Acenaphthene	9.975	154	494033m	40.132	ng	
53) 3-Nitroaniline	9.898	138	133256	39.914	ng	97
54) 2,4-Dinitrophenol	10.004	184	71913	42.211	ng	# 86
55) Dibenzofuran	10.145	168	694452	39.732	ng	99
56) 4-Nitrophenol	10.057	139	96397	41.322	ng	95
57) 2,4-Dinitrotoluene	10.133	165	166866	40.522	ng	# 92
58) Fluorene	10.486	166	534540	39.264	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	153507	40.748	ng	99
60) Diethylphthalate	10.357	149	554347	39.578	ng	99
61) 4-Chlorophenyl-phenyle...	10.474	204	265374	39.087	ng	93
62) 4-Nitroaniline	10.516	138	135256	39.963	ng	93
63) Azobenzene	10.639	77	613913	40.027	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	108320	43.617	ng	90
66) n-Nitrosodiphenylamine	10.598	169	466883	40.372	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	173016	40.528	ng	97
68) Hexachlorobenzene	11.033	284	190620	40.819	ng	98
69) Atrazine	11.127	200	156822	40.200	ng	97
70) Pentachlorophenol	11.233	266	99630	43.960	ng	96
71) Phenanthrene	11.457	178	786699	39.816	ng	100
72) Anthracene	11.510	178	790028	40.048	ng	99
73) Carbazole	11.663	167	742605	39.587	ng	100
74) Di-n-butylphthalate	11.980	149	862491	39.938	ng	99
75) Fluoranthene	12.645	202	845495	39.470	ng	98
77) Benzidine	12.768	184	230949	36.605	ng	98
78) Pyrene	12.880	202	861511	40.787	ng	99
80) Butylbenzylphthalate	13.486	149	359658	40.957	ng	99
81) Benzo(a)anthracene	14.068	228	756526	40.659	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	157575	37.742	ng	99
83) Chrysene	14.104	228	706518	39.796	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	488273	41.153	ng	98
85) Di-n-octyl phthalate	14.657	149	775335	40.909	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	544731	38.429	ng	97
88) Benzo(b)fluoranthene	15.133	252	594334	40.915	ng	98
89) Benzo(k)fluoranthene	15.162	252	584560	40.767	ng	99
90) Benzo(a)pyrene	15.509	252	472452	40.287	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	448021	39.040	ng	96
92) Benzo(g,h,i)perylene	17.562	276	446533	38.429	ng	95

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

