

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130239.D
 Acq On : 14 Sep 2022 14:48
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/15/2022
 Supervised By : Jagrut Upadhyay 09/15/2022

Quant Time: Sep 14 16:03:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	111859	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	420404	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	211251	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	346577	20.000	ng	0.00
76) Chrysene-d12	13.816	240	194174	20.000	ng	0.00
86) Perylene-d12	15.204	264	167272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	510682	79.185	ng	0.00
7) Phenol-d6	6.310	99	632153	78.339	ng	0.00
23) Nitrobenzene-d5	7.251	82	649124	78.883	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	163787	80.915	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1107661	76.353	ng	0.00
79) Terphenyl-d14	12.774	244	981317	83.716	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.316	88	112585m	38.011	ng	Qvalue
3) Pyridine	2.999	79	303525	39.284	ng	100
4) n-Nitrosodimethylamine	2.963	42	164307	39.100	ng	93
6) Aniline	6.345	93	383162	38.537	ng	99
8) 2-Chlorophenol	6.463	128	288960	39.333	ng	96
9) Benzaldehyde	6.228	77	208722	38.615	ng	97
10) Phenol	6.328	94	373157	39.460	ng	97
11) bis(2-Chloroethyl)ether	6.422	93	265039	38.857	ng	96
12) 1,3-Dichlorobenzene	6.616	146	318493	39.400	ng	97
13) 1,4-Dichlorobenzene	6.698	146	322412	39.112	ng	97
14) 1,2-Dichlorobenzene	6.851	146	299299	38.867	ng	98
15) Benzyl Alcohol	6.828	79	257034	40.175	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.963	45	378228	38.019	ng	98
17) 2-Methylphenol	6.934	107	234824	39.321	ng	98
18) Hexachloroethane	7.187	117	127363	39.196	ng	95
19) n-Nitroso-di-n-propyla...	7.104	70	211205	38.788	ng	96
20) 3+4-Methylphenols	7.092	107	305702	39.405	ng	91
22) Acetophenone	7.092	105	397251	38.650	ng	# 96
24) Nitrobenzene	7.269	77	326874	39.120	ng	95
25) Isophorone	7.504	82	515558	38.872	ng	99
26) 2-Nitrophenol	7.581	139	145161	42.380	ng	96
27) 2,4-Dimethylphenol	7.622	122	209332	39.692	ng	96
28) bis(2-Chloroethoxy)met...	7.722	93	289980	38.828	ng	99
29) 2,4-Dichlorophenol	7.822	162	231075	39.982	ng	97
30) 1,2,4-Trichlorobenzene	7.904	180	246789	39.496	ng	95
31) Naphthalene	7.986	128	858029	39.616	ng	99
32) Benzoic acid	7.739	122	174275m	42.730	ng	
33) 4-Chloroaniline	8.034	127	325212	39.480	ng	97
34) Hexachlorobutadiene	8.098	225	157869	39.533	ng	98
35) Caprolactam	8.416	113	67892	40.977	ng	88
36) 4-Chloro-3-methylphenol	8.516	107	251342	39.235	ng	96
37) 2-Methylnaphthalene	8.675	142	540077	39.109	ng	99
38) 1-Methylnaphthalene	8.769	142	520663	39.248	ng	98
40) 1,2,4,5-Tetrachloroben...	8.839	216	225251	39.071	ng	99
41) Hexachlorocyclopentadiene	8.822	237	126329	40.928	ng	99
43) 2,4,6-Trichlorophenol	8.951	196	162073	40.281	ng	95

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44) 2,4,5-Trichlorophenol	8.986	196	170850	39.350	ng	94
46) 1,1'-Biphenyl	9.139	154	612845	38.844	ng	98
47) 2-Chloronaphthalene	9.163	162	496520	38.904	ng	98
48) 2-Nitroaniline	9.257	65	170826	40.131	ng	97
49) Acenaphthylene	9.575	152	741039	38.725	ng	100
50) Dimethylphthalate	9.445	163	565862	38.778	ng	100
51) 2,6-Dinitrotoluene	9.504	165	123378	40.428	ng	91
52) Acenaphthene	9.745	154	493197m	39.227	ng	
53) 3-Nitroaniline	9.669	138	137735	40.503	ng	99
54) 2,4-Dinitrophenol	9.769	184	61688	40.604	ng	95
55) Dibenzofuran	9.916	168	674652	38.578	ng	98
56) 4-Nitrophenol	9.828	139	101605	41.022	ng	94
57) 2,4-Dinitrotoluene	9.904	165	160475	41.145	ng	92
58) Fluorene	10.257	166	548439	38.347	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.033	232	136252	40.093	ng	99
60) Diethylphthalate	10.139	149	567057	38.751	ng	99
61) 4-Chlorophenyl-phenyle...	10.251	204	245137	39.072	ng	93
62) 4-Nitroaniline	10.280	138	135104	39.549	ng	97
63) Azobenzene	10.410	77	575973	38.225	ng	97
65) 4,6-Dinitro-2-methylph...	10.304	198	82087	42.548	ng	92
66) n-Nitrosodiphenylamine	10.375	169	455339	39.316	ng	97
67) 4-Bromophenyl-phenylether	10.739	248	152215	39.813	ng	94
68) Hexachlorobenzene	10.798	284	169454	39.099	ng	93
69) Atrazine	10.904	200	132944	39.280	ng	96
70) Pentachlorophenol	10.992	266	97843	42.065	ng	99
71) Phenanthrene	11.216	178	756401	38.873	ng	100
72) Anthracene	11.263	178	736925	39.245	ng	100
73) Carbazole	11.422	167	654832	38.641	ng	98
74) Di-n-butylphthalate	11.757	149	801435	39.218	ng	99
75) Fluoranthene	12.398	202	720112	38.299	ng	97
77) Benzidine	12.521	184	216804	38.463	ng	98
78) Pyrene	12.621	202	714562	42.067	ng	100
80) Butylbenzylphthalate	13.251	149	260882	41.457	ng	98
81) Benzo(a)anthracene	13.804	228	507138	39.260	ng	99
82) 3,3'-Dichlorobenzidine	13.774	252	137907	39.220	ng	100
83) Chrysene	13.845	228	486144	39.636	ng	100
84) Bis(2-ethylhexyl)phtha...	13.810	149	296141	41.085	ng	100
85) Di-n-octyl phthalate	14.421	149	442210	40.111	ng	99
87) Indeno(1,2,3-cd)pyrene	16.539	276	509439	42.947	ng	99
88) Benzo(b)fluoranthene	14.815	252	406508	37.234	ng	99
89) Benzo(k)fluoranthene	14.845	252	420725	39.174	ng	99
90) Benzo(a)pyrene	15.151	252	342091	39.550	ng	98
91) Dibenzo(a,h)anthracene	16.557	278	422313	43.399	ng	97
92) Benzo(g,h,i)perylene	16.945	276	419561	42.802	ng	99

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

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