

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133265.D
 Acq On : 05 May 2023 15:36
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 06 05:48:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	199671	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	778893	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	407639	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	722922	20.000	ng	0.00
76) Chrysene-d12	13.880	240	457662	20.000	ng	0.00
86) Perylene-d12	15.298	264	367852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1009587	76.380	ng	0.00
7) Phenol-d6	6.375	99	1218551	74.274	ng	0.00
23) Nitrobenzene-d5	7.298	82	1093437	75.775	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	309591	75.518	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1817571	74.595	ng	0.00
79) Terphenyl-d14	12.833	244	1922995	72.467	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	232670	37.950	ng	99
3) Pyridine	3.075	79	638678	39.222	ng	97
4) n-Nitrosodimethylamine	3.034	42	311285	36.906	ng	98
6) Aniline	6.392	93	782719	37.042	ng	# 76
8) 2-Chlorophenol	6.516	128	509887	37.993	ng	95
9) Benzaldehyde	6.275	77	293316	38.104	ng	99
10) Phenol	6.387	94	640286	35.377	ng	76
11) bis(2-Chloroethyl)ether	6.469	93	501952	36.958	ng	98
12) 1,3-Dichlorobenzene	6.669	146	540101	37.853	ng	98
13) 1,4-Dichlorobenzene	6.745	146	548950	38.388	ng	99
14) 1,2-Dichlorobenzene	6.898	146	506678	38.432	ng	96
15) Benzyl Alcohol	6.875	79	422083	37.244	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	814157	34.513	ng	97
17) 2-Methylphenol	6.992	107	457685	37.244	ng	99
18) Hexachloroethane	7.239	117	191837	38.586	ng	93
19) n-Nitroso-di-n-propyla...	7.151	70	340335	33.321	ng	95
20) 3+4-Methylphenols	7.151	107	542527	37.488	ng	# 68
22) Acetophenone	7.145	105	679245	37.646	ng	# 99
24) Nitrobenzene	7.316	77	550201	37.627	ng	98
25) Isophorone	7.557	82	1013792	37.003	ng	100
26) 2-Nitrophenol	7.628	139	288816	40.950	ng	99
27) 2,4-Dimethylphenol	7.675	122	463557	38.331	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	603644	37.243	ng	99
29) 2,4-Dichlorophenol	7.875	162	427981	38.874	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	443376	38.873	ng	98
31) Naphthalene	8.034	128	1488716	38.229	ng	99
32) Benzoic acid	7.798	122	309689m	41.457	ng	
33) 4-Chloroaniline	8.086	127	635783	40.408	ng	99
34) Hexachlorobutadiene	8.157	225	245913	38.901	ng	98
35) Caprolactam	8.469	113	149676	40.470	ng	# 85
36) 4-Chloro-3-methylphenol	8.575	107	460192	38.762	ng	94
37) 2-Methylnaphthalene	8.728	142	1018295	38.248	ng	99
38) 1-Methylnaphthalene	8.822	142	948326	38.076	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	407300	37.162	ng	99
41) Hexachlorocyclopentadiene	8.881	237	222535	34.814	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	284618	37.550	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	331373	37.801	ng	99
46) 1,1'-Biphenyl	9.192	154	1203652	37.237	ng	98
47) 2-Chloronaphthalene	9.216	162	888861	37.570	ng	99
48) 2-Nitroaniline	9.310	65	300386	38.416	ng	95
49) Acenaphthylene	9.628	152	1423365	37.652	ng	100
50) Dimethylphthalate	9.492	163	1089465	38.329	ng	99
51) 2,6-Dinitrotoluene	9.551	165	251246	39.273	ng	99
52) Acenaphthene	9.798	154	962240m	38.005	ng	
53) 3-Nitroaniline	9.722	138	301075	39.580	ng	98
54) 2,4-Dinitrophenol	9.828	184	125735	39.101	ng	98
55) Dibenzofuran	9.969	168	1301118	37.673	ng	97
56) 4-Nitrophenol	9.886	139	199130	33.799	ng	87
57) 2,4-Dinitrotoluene	9.957	165	325699	39.921	ng	93
58) Fluorene	10.316	166	948847	37.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	251760	37.045	ng	99
60) Diethylphthalate	10.192	149	1039789	38.729	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	459137	37.235	ng	94
62) 4-Nitroaniline	10.333	138	297741	42.587	ng	98
63) Azobenzene	10.469	77	1052740	37.015	ng	95
65) 4,6-Dinitro-2-methylph...	10.363	198	185207	42.267	ng	78
66) n-Nitrosodiphenylamine	10.428	169	879855	37.521	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	289722	36.952	ng	94
68) Hexachlorobenzene	10.863	284	294873	36.703	ng	99
69) Atrazine	10.957	200	269522	39.888	ng	99
70) Pentachlorophenol	11.057	266	199109	34.798	ng	99
71) Phenanthrene	11.269	178	1440829	37.082	ng	99
72) Anthracene	11.322	178	1501078	37.750	ng	99
73) Carbazole	11.480	167	1334123	37.680	ng	99
74) Di-n-butylphthalate	11.810	149	1629005	40.656	ng	99
75) Fluoranthene	12.457	202	1469252	37.678	ng	97
77) Benzidine	12.574	184	369362m	47.725	ng	
78) Pyrene	12.686	202	1491977	38.029	ng	98
80) Butylbenzylphthalate	13.304	149	643011	46.289	ng	94
81) Benzo(a)anthracene	13.868	228	1128181	35.847	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	343940	39.560	ng	98
83) Chrysene	13.910	228	1158269	36.812	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	715213	41.020	ng	98
85) Di-n-octyl phthalate	14.480	149	1109362	39.021	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	911709	43.572	ng	98
88) Benzo(b)fluoranthene	14.892	252	872941	37.301	ng	98
89) Benzo(k)fluoranthene	14.921	252	900952	38.837	ng	99
90) Benzo(a)pyrene	15.239	252	821085	38.547	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	751800	43.079	ng	97
92) Benzo(g,h,i)perylene	17.092	276	771518	44.779	ng	97

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

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