

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052523\
 Data File : BF133490.D
 Acq On : 25 May 2023 14:39
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

Quant Time: May 25 23:24:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 23:12:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	179844	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	604652	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	284335	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	536099	20.000	ng	0.00
76) Chrysene-d12	14.016	240	345901	20.000	ng	0.00
86) Perylene-d12	15.468	264	327530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1424924	132.194	ng	0.00
7) Phenol-d6	6.481	99	1711826	129.009	ng	0.02
23) Nitrobenzene-d5	7.422	82	1599367	176.610	ng	0.01
42) 2,4,6-Tribromophenol	10.680	330	440265	155.335	ng	0.01
45) 2-Fluorobiphenyl	9.210	172	2368433	128.564	ng	0.00
79) Terphenyl-d14	12.963	244	2673757	137.435	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	340895	70.026	ng	98
3) Pyridine	3.328	79	984016	72.091	ng	99
4) n-Nitrosodimethylamine	3.310	42	557175	74.848	ng	100
6) Aniline	6.516	93	1219321	67.678	ng	99
8) 2-Chlorophenol	6.634	128	687491	64.729	ng	97
10) Phenol	6.498	94	870861m	65.423	ng	
11) bis(2-Chloroethyl)ether	6.587	93	722031	65.606	ng	96
12) 1,3-Dichlorobenzene	6.787	146	767450	65.086	ng	98
13) 1,4-Dichlorobenzene	6.863	146	751185	63.544	ng	97
14) 1,2-Dichlorobenzene	7.022	146	665862	61.038	ng	97
15) Benzyl Alcohol	6.992	79	646962	64.222	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1372347	65.746	ng	98
17) 2-Methylphenol	7.092	107	683232	67.929	ng	98
18) Hexachloroethane	7.357	117	284893	69.695	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	562487	65.518	ng	99
20) 3+4-Methylphenols	7.257	107	689189	60.609	ng	# 84
22) Acetophenone	7.263	105	900363	64.660	ng	# 92
24) Nitrobenzene	7.439	77	798638	82.767	ng	99
25) Isophorone	7.675	82	1577947	74.764	ng	99
26) 2-Nitrophenol	7.745	139	368274	79.804	ng	93
27) 2,4-Dimethylphenol	7.787	122	638902	71.146	ng	98
28) bis(2-Chloroethoxy)met...	7.887	93	835079	68.234	ng	100
29) 2,4-Dichlorophenol	7.987	162	587678	72.739	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	600262	68.689	ng	99
31) Naphthalene	8.151	128	1930718	65.863	ng	100
32) Benzoic acid	7.939	122	514081	80.434	ng	96
33) 4-Chloroaniline	8.204	127	851781	67.795	ng	98
34) Hexachlorobutadiene	8.269	225	372038	69.988	ng	99
35) Caprolactam	8.610	113	205958m	77.730	ng	
36) 4-Chloro-3-methylphenol	8.681	107	663018	73.260	ng	99
37) 2-Methylnaphthalene	8.845	142	1293258	64.615	ng	98
38) 1-Methylnaphthalene	8.939	142	1217871	65.276	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	563203	66.830	ng	100
41) Hexachlorocyclopentadiene	8.992	237	362191	83.867	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	400781	74.322	ng	99
44) 2,4,5-Trichlorophenol	9.157	196	466846	74.587	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.310	154	1498937	64.886	ng	99
47) 2-Chloronaphthalene	9.334	162	1118508	66.808	ng	97
48) 2-Nitroaniline	9.428	65	440729	79.166	ng	97
49) Acenaphthylene	9.751	152	1853433	64.872	ng	99
50) Dimethylphthalate	9.622	163	1413881	70.750	ng	100
51) 2,6-Dinitrotoluene	9.675	165	307906	78.502	ng	99
52) Acenaphthene	9.922	154	1201311	69.412	ng	99
53) 3-Nitroaniline	9.845	138	384627	78.576	ng	98
54) 2,4-Dinitrophenol	9.945	184	152035	79.236	ng	99
55) Dibenzofuran	10.092	168	1674078	65.016	ng	97
56) 4-Nitrophenol	9.998	139	305675	89.403	ng	96
57) 2,4-Dinitrotoluene	10.081	165	391041	79.468	ng	89
58) Fluorene	10.439	166	1198218	63.516	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	358546	76.062	ng	99
60) Diethylphthalate	10.316	149	1426972	68.785	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	570048	62.932	ng	100
62) 4-Nitroaniline	10.469	138	388955	78.979	ng	95
63) Azobenzene	10.586	77	1429172	68.822	ng	95
65) 4,6-Dinitro-2-methylph...	10.486	198	193200	80.844	ng	90
66) n-Nitrosodiphenylamine	10.551	169	1172514	67.368	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	390782	68.638	ng	97
68) Hexachlorobenzene	10.980	284	413221	69.405	ng	99
69) Atrazine	11.080	200	327738	68.630	ng	97
70) Pentachlorophenol	11.169	266	296423	83.266	ng	98
71) Phenanthrene	11.398	178	1813357	66.783	ng	99
72) Anthracene	11.451	178	1867831	66.838	ng	99
73) Carbazole	11.604	167	1807347	68.386	ng	99
74) Di-n-butylphthalate	11.939	149	2157611	69.042	ng	100
75) Fluoranthene	12.586	202	2054015	68.484	ng	99
78) Pyrene	12.816	202	2112222	71.760	ng	100
80) Butylbenzylphthalate	13.439	149	931110	79.951	ng	100
81) Benzo(a)anthracene	14.010	228	1580138	68.574	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	515050	71.502	ng	# 97
83) Chrysene	14.045	228	1670317	71.805	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	1057788	72.664	ng	100
85) Di-n-octyl phthalate	14.616	149	2013558	83.033	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	1683707	80.702	ng	99
88) Benzo(b)fluoranthene	15.051	252	1514911	71.030	ng	99
89) Benzo(k)fluoranthene	15.086	252	1458052	70.111	ng	98
90) Benzo(a)pyrene	15.415	252	1420197	73.179	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	1331683	78.726	ng	98
92) Benzo(g,h,i)perylene	17.392	276	1416236	83.033	ng	99

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

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