

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133467.D
 Acq On : 24 May 2023 13:18
 Operator : CG\JU
 Sample : 02891-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 290-328MS

Quant Time: May 24 14:23:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/25/2023
 Supervised By : Jagrut Upadhyay 05/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	107957	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	416878	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	199130	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	402747	20.000	ng	0.00
76) Chrysene-d12	14.010	240	279162	20.000	ng	0.00
86) Perylene-d12	15.468	264	254893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	780366	118.160	ng	0.01
7) Phenol-d6	6.469	99	908155	114.387	ng	0.00
23) Nitrobenzene-d5	7.404	82	625194	103.683	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	279530	151.962	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1118104	78.998	ng	0.00
79) Terphenyl-d14	12.957	244	1325295	90.766	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	102972	34.443	ng	# 81
3) Pyridine	3.416	79	224592	28.533	ng	98
4) n-Nitrosodimethylamine	3.334	42	190506	42.398	ng	100
6) Aniline	6.504	93	210321	19.384	ng	100
8) 2-Chlorophenol	6.622	128	303258	46.291	ng	96
9) Benzaldehyde	6.393	77	153543	34.251	ng	96
10) Phenol	6.481	94	336989m	41.509	ng	
11) bis(2-Chloroethyl)ether	6.581	93	281223	42.440	ng	99
12) 1,3-Dichlorobenzene	6.781	146	282025	39.442	ng	98
13) 1,4-Dichlorobenzene	6.857	146	287039	40.091	ng	99
14) 1,2-Dichlorobenzene	7.010	146	281474	42.571	ng	99
15) Benzyl Alcohol	6.981	79	276111	45.958	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	536108	42.756	ng	99
17) 2-Methylphenol	7.087	107	254177	42.551	ng	99
18) Hexachloroethane	7.357	117	103076	42.249	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	219303	44.137	ng	99
20) 3+4-Methylphenols	7.245	107	312008	43.152	ng	# 82
22) Acetophenone	7.251	105	420046	42.938	ng	# 93
24) Nitrobenzene	7.422	77	321496	48.232	ng	98
25) Isophorone	7.663	82	611019	43.064	ng	98
26) 2-Nitrophenol	7.739	139	137425	49.549	ng	90
27) 2,4-Dimethylphenol	7.775	122	281261	46.380	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	356917	42.579	ng	99
29) 2,4-Dichlorophenol	7.975	162	252018	45.831	ng	95
30) 1,2,4-Trichlorobenzene	8.063	180	244781	40.935	ng	99
31) Naphthalene	8.145	128	833327	40.696	ng	99
32) Benzoic acid	7.881	122	156386	50.367	ng	98
33) 4-Chloroaniline	8.192	127	50205	5.852	ng	98
34) Hexachlorobutadiene	8.263	225	142967	39.339	ng	98
35) Caprolactam	8.557	113	82643m	49.483	ng	
36) 4-Chloro-3-methylphenol	8.669	107	285369	47.959	ng	99
37) 2-Methylnaphthalene	8.839	142	565031	41.160	ng	98
38) 1-Methylnaphthalene	8.939	142	531388	41.543	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	249963	41.302	ng	98
41) Hexachlorocyclopentadiene	8.992	237	283482	98.212	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	179472	48.291	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	196562	45.728	ng	98
46) 1,1'-Biphenyl	9.304	154	720238	43.124	ng	98
47) 2-Chloronaphthalene	9.328	162	526770	43.967	ng	99
48) 2-Nitroaniline	9.422	65	187096	52.528	ng	97
49) Acenaphthylene	9.745	152	909146	44.669	ng	99
50) Dimethylphthalate	9.604	163	639904	47.069	ng	100
51) 2,6-Dinitrotoluene	9.663	165	136354	52.613	ng	95
52) Acenaphthene	9.916	154	599390	49.046	ng	99
53) 3-Nitroaniline	9.828	138	96777	31.579	ng	97
54) 2,4-Dinitrophenol	9.933	184	115384	98.241	ng	91
55) Dibenzofuran	10.086	168	819176	44.912	ng	99
56) 4-Nitrophenol	9.986	139	245330	93.599	ng	93
57) 2,4-Dinitrotoluene	10.069	165	179301	56.793	ng	# 83
58) Fluorene	10.428	166	597818	45.409	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	169605	53.178	ng	98
60) Diethylphthalate	10.310	149	669186	48.552	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	278819	44.777	ng	99
62) 4-Nitroaniline	10.445	138	159165	50.800	ng	98
63) Azobenzene	10.586	77	662888	46.501	ng	100
65) 4,6-Dinitro-2-methylph...	10.469	198	77133	56.163	ng	92
66) n-Nitrosodiphenylamine	10.545	169	570759	42.981	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	182408	43.187	ng	98
68) Hexachlorobenzene	10.975	284	200103	45.148	ng	97
69) Atrazine	11.069	200	180376	53.072	ng	98
70) Pentachlorophenol	11.169	266	231264	91.935	ng	99
71) Phenanthrene	11.392	178	913085	43.785	ng	100
72) Anthracene	11.445	178	936246	44.008	ng	99
73) Carbazole	11.598	167	917459	45.522	ng	100
74) Di-n-butylphthalate	11.933	149	1060831	49.058	ng	99
75) Fluoranthene	12.580	202	1036384	46.157	ng	99
77) Benzidine	12.698	184	117871	17.720	ng	99
78) Pyrene	12.810	202	1067166	46.897	ng	100
80) Butylbenzylphthalate	13.433	149	450988	52.382	ng	93
81) Benzo(a)anthracene	13.998	228	855659	45.152	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	192376	35.771	ng	98
83) Chrysene	14.039	228	866996	45.057	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	520022	50.634	ng	# 98
85) Di-n-octyl phthalate	14.610	149	936146	50.105	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	825984	47.844	ng	99
88) Benzo(b)fluoranthene	15.045	252	774228	48.873	ng	100
89) Benzo(k)fluoranthene	15.074	252	748728	48.635	ng	99
90) Benzo(a)pyrene	15.410	252	652482	43.715	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	669913	47.644	ng	98
92) Benzo(g,h,i)perylene	17.368	276	698092	49.148	ng	100

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

