

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133139.D
 Acq On : 29 Apr 2023 00:33
 Operator : CG\JU
 Sample : 02522-13MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4MSD

Quant Time: May 01 03:10:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 05/01/2023
 Supervised By :Jagrut
 Upadhyay
 05/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	183608	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	751779	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	381525	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	684496	20.000	ng	0.00
76) Chrysene-d12	13.892	240	425360	20.000	ng	0.00
86) Perylene-d12	15.304	264	366457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	845860	69.592	ng	0.00
7) Phenol-d6	6.375	99	652396	43.244	ng	0.00
23) Nitrobenzene-d5	7.304	82	1274184	91.485	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	505003	131.615	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2028576	88.954	ng	0.00
79) Terphenyl-d14	12.839	244	2306769	93.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.440	88	129518	22.973	ng	98
3) Pyridine	3.134	79	298508	19.935	ng	98
4) n-Nitrosodimethylamine	3.081	42	181758	23.435	ng	99
6) Aniline	6.392	93	636880	32.777	ng	96
8) 2-Chlorophenol	6.522	128	529191	42.881	ng	94
9) Benzaldehyde	6.281	77	406842	86.998	ng	99
10) Phenol	6.387	94	294772	17.711	ng	# 69
11) bis(2-Chloroethyl)ether	6.469	93	600098	48.050	ng	99
12) 1,3-Dichlorobenzene	6.675	146	536773	40.911	ng	99
13) 1,4-Dichlorobenzene	6.751	146	551109	41.910	ng	100
14) 1,2-Dichlorobenzene	6.904	146	538282	44.401	ng	97
15) Benzyl Alcohol	6.881	79	360761	34.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	977551	45.065	ng	95
17) 2-Methylphenol	6.998	107	363175	32.139	ng	97
18) Hexachloroethane	7.245	117	187727	41.063	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	440679	46.920	ng	99
20) 3+4-Methylphenols	7.151	107	414799	31.169	ng	94
22) Acetophenone	7.145	105	863457	49.582	ng	# 95
24) Nitrobenzene	7.322	77	659254	46.711	ng	97
25) Isophorone	7.563	82	1233445	46.643	ng	99
26) 2-Nitrophenol	7.639	139	347598	51.062	ng	92
27) 2,4-Dimethylphenol	7.681	122	517546	44.338	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	737652	47.152	ng	100
29) 2,4-Dichlorophenol	7.881	162	495259	46.608	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	506860	46.042	ng	100
31) Naphthalene	8.045	128	1695936	45.121	ng	100
32) Benzoic acid	7.775	122	132056	18.315	ng	98
33) 4-Chloroaniline	8.092	127	537289	35.379	ng	98
34) Hexachlorobutadiene	8.163	225	265244	43.472	ng	100
35) Caprolactam	8.457	113	32360m	9.065	ng	
36) 4-Chloro-3-methylphenol	8.569	107	502320	43.837	ng	99
37) 2-Methylnaphthalene	8.733	142	1151365	44.805	ng	98
38) 1-Methylnaphthalene	8.833	142	1082012	45.010	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	467036	45.528	ng	99
41) Hexachlorocyclopentadiene	8.892	237	549494	91.849	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	339998	47.926	ng	100

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44) 2,4,5-Trichlorophenol	9.051	196	366145	44.627	ng	98
46) 1,1'-Biphenyl	9.198	154	1403063	46.377	ng	99
47) 2-Chloronaphthalene	9.222	162	1059529	47.849	ng	99
48) 2-Nitroaniline	9.316	65	368914	50.410	ng	96
49) Acenaphthylene	9.633	152	1691601	47.810	ng	100
50) Dimethylphthalate	9.504	163	1273529	47.872	ng	99
51) 2,6-Dinitrotoluene	9.563	165	304997	50.938	ng	86
52) Acenaphthene	9.810	154	1243134m	52.460	ng	
53) 3-Nitroaniline	9.728	138	287966	40.448	ng	99
54) 2,4-Dinitrophenol	9.833	184	343016	113.971	ng	95
55) Dibenzofuran	9.980	168	1520031	47.023	ng	99
56) 4-Nitrophenol	9.886	139	214552	38.909	ng	87
57) 2,4-Dinitrotoluene	9.963	165	406465	53.231	ng	94
58) Fluorene	10.322	166	1106160	46.708	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	310033	48.742	ng	99
60) Diethylphthalate	10.198	149	1219849	48.545	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	526983	45.662	ng	99
62) 4-Nitroaniline	10.345	138	334060	51.053	ng	98
63) Azobenzene	10.475	77	1305492	49.043	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	238140	57.399	ng	98
66) n-Nitrosodiphenylamine	10.433	169	992922	44.720	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	342476	46.132	ng	99
68) Hexachlorobenzene	10.869	284	375466	49.358	ng	96
69) Atrazine	10.963	200	360307	56.318	ng	99
70) Pentachlorophenol	11.063	266	448266	82.741	ng	98
71) Phenanthrene	11.280	178	1743616	47.394	ng	99
72) Anthracene	11.333	178	1770444	47.024	ng	99
73) Carbazole	11.486	167	1655572	49.384	ng	99
74) Di-n-butylphthalate	11.822	149	1897080	50.004	ng	100
75) Fluoranthene	12.463	202	1786316	48.380	ng	99
77) Benzidine	12.586	184	216312	30.072	ng	# 91
78) Pyrene	12.692	202	1839670	50.453	ng	98
80) Butylbenzylphthalate	13.316	149	794157	61.512	ng	96
81) Benzo(a)anthracene	13.880	228	1379223	47.152	ng	100
82) 3,3'-Dichlorobenzidine	13.845	252	410119	50.754	ng	99
83) Chrysene	13.915	228	1377823	47.116	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	868431	53.589	ng	99
85) Di-n-octyl phthalate	14.492	149	1519136	57.492	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1390165	66.691	ng	100
88) Benzo(b)fluoranthene	14.904	252	1200141	51.478	ng	98
89) Benzo(k)fluoranthene	14.933	252	1153335	49.905	ng	98
90) Benzo(a)pyrene	15.251	252	1003820	47.305	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1157614	66.585	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1192159	69.457	ng	98

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

