

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136076.D
 Acq On : 01 Nov 2023 14:56
 Operator : CG\JU
 Sample : 05090-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 22:40:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	149948	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	589780	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	284620	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	423133	20.000	ng	0.00
76) Chrysene-d12	14.016	240	265941	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	292811	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	825873	86.549	ng	0.01
7) Phenol-d6	6.463	99	1052635	88.538	ng	0.00
23) Nitrobenzene-d5	7.393	82	628799	64.271	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	267758	88.137	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1102579	61.753	ng	0.00
79) Terphenyl-d14	12.957	244	903309	52.785	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	166866	40.159	ng	99
3) Pyridine	3.422	79	400259	35.291	ng	99
4) n-Nitrosodimethylamine	3.393	42	203562	42.928	ng	97
6) Aniline	6.493	93	318594	20.698	ng	98
8) 2-Chlorophenol	6.610	128	471671	46.234	ng	99
9) Benzaldehyde	6.375	77	120756	18.215	ng	99
10) Phenol	6.475	94	559307m	45.483	ng	
11) bis(2-Chloroethyl)ether	6.563	93	435509	45.239	ng	97
12) 1,3-Dichlorobenzene	6.763	146	489631	46.113	ng	96
13) 1,4-Dichlorobenzene	6.845	146	490651	46.110	ng	99
14) 1,2-Dichlorobenzene	6.993	146	466454	46.880	ng	97
15) Benzyl Alcohol	6.969	79	385885	45.775	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	597407	45.085	ng	99
17) 2-Methylphenol	7.081	107	366377	42.334	ng	98
18) Hexachloroethane	7.334	117	172418	46.101	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	292658	43.081	ng	99
20) 3+4-Methylphenols	7.234	107	435146	41.233	ng	98
22) Acetophenone	7.234	105	600352	45.906	ng	# 88
24) Nitrobenzene	7.410	77	462865	46.771	ng	95
25) Isophorone	7.645	82	843420	45.663	ng	100
26) 2-Nitrophenol	7.722	139	235220	52.095	ng	95
27) 2,4-Dimethylphenol	7.763	122	358605	42.030	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	518501	45.816	ng	98
29) 2,4-Dichlorophenol	7.963	162	377036	46.874	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	412499	47.011	ng	97
31) Naphthalene	8.128	128	1281026	45.043	ng	99
32) Benzoic acid	7.892	122	314553	46.231	ng	97
33) 4-Chloroaniline	8.175	127	111990	8.992	ng	97
34) Hexachlorobutadiene	8.245	225	232932	46.289	ng	99
35) Caprolactam	8.557	113	128129m	48.989	ng	
36) 4-Chloro-3-methylphenol	8.663	107	398217	47.157	ng	98
37) 2-Methylnaphthalene	8.822	142	815901	42.785	ng	100
38) 1-Methylnaphthalene	8.922	142	787598	44.380	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	391772	48.265	ng	99
41) Hexachlorocyclopentadiene	8.975	237	312994	72.176	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	263136	49.719	ng	98

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44) 2,4,5-Trichlorophenol	9.145	196	275126	44.877	ng	99
46) 1,1'-Biphenyl	9.287	154	1035580	47.729	ng	99
47) 2-Chloronaphthalene	9.310	162	778355	48.662	ng	98
48) 2-Nitroaniline	9.410	65	233453	49.318	ng	95
49) Acenaphthylene	9.728	152	1195942	47.928	ng	99
50) Dimethylphthalate	9.592	163	908593	48.396	ng	99
51) 2,6-Dinitrotoluene	9.657	165	203684	50.726	ng	93
52) Acenaphthene	9.904	154	733717	46.254	ng	100
53) 3-Nitroaniline	9.822	138	155455	33.180	ng	100
54) 2,4-Dinitrophenol	9.928	184	157824	73.268	ng	93
55) Dibenzofuran	10.075	168	1037027	44.834	ng	97
56) 4-Nitrophenol	9.986	139	310532	88.607	ng	87
57) 2,4-Dinitrotoluene	10.057	165	251783	49.560	ng	96
58) Fluorene	10.422	166	761886	43.994	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	219019	44.935	ng	# 99
60) Diethylphthalate	10.298	149	838550	46.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	373580	43.215	ng	99
62) 4-Nitroaniline	10.439	138	167863	37.208	ng	98
63) Azobenzene	10.575	77	747570	43.274	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	99790	43.534	ng	# 65
66) n-Nitrosodiphenylamine	10.533	169	692417	54.246	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	232511	52.412	ng	99
68) Hexachlorobenzene	10.969	284	256693	54.178	ng	# 92
69) Atrazine	11.069	200	228441	65.778	ng	97
70) Pentachlorophenol	11.163	266	271861	89.345	ng	99
71) Phenanthrene	11.392	178	1083269	50.846	ng	100
72) Anthracene	11.439	178	1020410	46.741	ng	99
73) Carbazole	11.598	167	841937	44.380	ng	99
74) Di-n-butylphthalate	11.933	149	1089819	50.275	ng	98
75) Fluoranthene	12.586	202	1071121	48.939	ng	98
77) Benzidine	12.704	184	234949	45.327	ng	98
78) Pyrene	12.816	202	1068822	45.585	ng	99
80) Butylbenzylphthalate	13.445	149	399447	47.594	ng	93
81) Benzo(a)anthracene	14.010	228	896169	50.901	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	169388	30.144	ng	# 98
83) Chrysene	14.045	228	858415	49.508	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	531572	54.364	ng	99
85) Di-n-octyl phthalate	14.627	149	941953	64.305	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	705404	36.861	ng	98
88) Benzo(b)fluoranthene	15.074	252	960321	55.426	ng	98
89) Benzo(k)fluoranthene	15.104	252	791585	46.175	ng	99
90) Benzo(a)pyrene	15.445	252	765069	47.524	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	565609	36.082	ng	98
92) Benzo(g,h,i)perylene	17.486	276	543935	31.535	ng	98

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

