

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138000.D
 Acq On : 22 May 2024 12:14
 Operator : CG\JU
 Sample : PB161028BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BSD

Quant Time: May 22 12:51:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	154652	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	611970	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	345009	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	614789	20.000	ng	0.00
76) Chrysene-d12	14.233	240	386835	20.000	ng	0.00
86) Perylene-d12	15.786	264	295625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1087717	119.471	ng	0.00
7) Phenol-d6	6.657	99	1345240	119.948	ng	0.00
23) Nitrobenzene-d5	7.598	82	829608	79.780	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	483560	139.005	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1786045	79.743	ng	0.00
79) Terphenyl-d14	13.169	244	2124790	80.952	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	132465	33.585	ng	99
3) Pyridine	3.781	79	329735	37.259	ng	97
4) n-Nitrosodimethylamine	3.746	42	163939	41.992	ng	97
6) Aniline	6.698	93	320365m	31.937	ng	
8) 2-Chlorophenol	6.816	128	441929	44.853	ng	98
9) Benzaldehyde	6.593	77	358303	59.051	ng	98
10) Phenol	6.669	94	489720	43.261	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	384243	44.208	ng	97
12) 1,3-Dichlorobenzene	6.975	146	463832	40.688	ng	98
13) 1,4-Dichlorobenzene	7.051	146	471705	41.224	ng	99
14) 1,2-Dichlorobenzene	7.204	146	453001	42.064	ng	99
15) Benzyl Alcohol	7.175	79	353029	47.140	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.298	45	472965	44.268	ng	99
17) 2-Methylphenol	7.275	107	349349	44.460	ng	99
18) Hexachloroethane	7.545	117	159410	41.169	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	283177	44.942	ng	98
20) 3+4-Methylphenols	7.428	107	445288	43.258	ng	95
22) Acetophenone	7.445	105	584145	42.610	ng	99
24) Nitrobenzene	7.616	77	430483	40.808	ng	96
25) Isophorone	7.851	82	789075	43.722	ng	98
26) 2-Nitrophenol	7.934	139	241565	45.573	ng	99
27) 2,4-Dimethylphenol	7.957	122	323524	47.407	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	473233	43.264	ng	100
29) 2,4-Dichlorophenol	8.169	162	377151	43.948	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	395820	41.310	ng	99
31) Naphthalene	8.339	128	1273731	41.395	ng	99
32) Benzoic acid	8.081	122	293502	50.877	ng	98
33) 4-Chloroaniline	8.381	127	181431	17.987	ng	99
34) Hexachlorobutadiene	8.451	225	241404	39.804	ng	99
35) Caprolactam	8.763	113	122784m	49.385	ng	
36) 4-Chloro-3-methylphenol	8.863	107	395064	45.254	ng	99
37) 2-Methylnaphthalene	9.034	142	850905	43.021	ng	99
38) 1-Methylnaphthalene	9.134	142	782757	40.256	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	404980	43.177	ng	99
41) Hexachlorocyclopentadiene	9.186	237	434516	121.919	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	282851	45.993	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	305848	45.452	ng	99
46) 1,1'-Biphenyl	9.498	154	1047286	43.279	ng	99
47) 2-Chloronaphthalene	9.528	162	811788	42.025	ng	98
48) 2-Nitroaniline	9.622	65	229034	46.302	ng	96
49) Acenaphthylene	9.945	152	1297912	46.729	ng	98
50) Dimethylphthalate	9.798	163	984054	45.485	ng	100
51) 2,6-Dinitrotoluene	9.863	165	222858	44.882	ng	97
52) Acenaphthene	10.116	154	890964	48.533	ng	98
53) 3-Nitroaniline	10.033	138	160241	33.010	ng	95
54) 2,4-Dinitrophenol	10.139	184	261032	95.800	ng	# 87
55) Dibenzofuran	10.292	168	1185927	44.389	ng	99
56) 4-Nitrophenol	10.192	139	353091	101.274	ng	93
57) 2,4-Dinitrotoluene	10.269	165	305844	47.645	ng	91
58) Fluorene	10.633	166	939557	44.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	259393	49.070	ng	98
60) Diethylphthalate	10.498	149	943555	46.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	463851	44.510	ng	99
62) 4-Nitroaniline	10.657	138	208287	45.239	ng	99
63) Azobenzene	10.786	77	847695	46.123	ng	98
65) 4,6-Dinitro-2-methylph...	10.680	198	180564	50.866	ng	92
66) n-Nitrosodiphenylamine	10.745	169	825099	43.763	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	295716	43.876	ng	97
68) Hexachlorobenzene	11.186	284	319049	42.825	ng	98
69) Atrazine	11.269	200	286054	55.563	ng	99
70) Pentachlorophenol	11.380	266	397945	91.187	ng	97
71) Phenanthrene	11.604	178	1332413	43.979	ng	99
72) Anthracene	11.657	178	1362294	45.320	ng	100
73) Carbazole	11.810	167	1215360	44.261	ng	99
74) Di-n-butylphthalate	12.127	149	1463809	48.035	ng	100
75) Fluoranthene	12.798	202	1391501	45.250	ng	99
77) Benzidine	12.910	184	109929	21.744	ng	98
78) Pyrene	13.027	202	1416799	41.875	ng	99
80) Butylbenzylphthalate	13.633	149	536772	52.597	ng	99
81) Benzo(a)anthracene	14.221	228	1127069	46.052	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	219701	32.393	ng	98
83) Chrysene	14.257	228	1047337	44.747	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	666822	51.979	ng	99
85) Di-n-octyl phthalate	14.816	149	906389	52.299	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	909282	47.874	ng	99
88) Benzo(b)fluoranthene	15.321	252	826061	48.260	ng	99
89) Benzo(k)fluoranthene	15.351	252	845028	50.252	ng	99
90) Benzo(a)pyrene	15.721	252	740029	50.631	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	744941	47.472	ng	99
92) Benzo(g,h,i)perylene	17.915	276	715270	43.390	ng	99

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

