

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135586.D
 Acq On : 04 Oct 2023 23:55
 Operator : CG\JU
 Sample : 04703-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E9066-OB-001

Quant Time: Oct 05 00:50:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

10/05/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	138194	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	539129	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	273842	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	527599	20.000	ng	0.00
76) Chrysene-d12	13.927	240	242070	20.000	ng	0.00
86) Perylene-d12	15.386	264	278746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	727930	85.672	ng	0.01
7) Phenol-d6	6.393	99	907801	84.024	ng	0.00
23) Nitrobenzene-d5	7.304	82	582268	58.677	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	212837	78.211	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1042080	57.413	ng	0.00
79) Terphenyl-d14	12.863	244	1021416	65.410	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	194831	52.307	ng	95
3) Pyridine	3.257	79	423220	42.217	ng	98
4) n-Nitrosodimethylamine	3.234	42	267075	50.205	ng	98
6) Aniline	6.410	93	395303	27.902	ng	# 49
8) 2-Chlorophenol	6.528	128	449976	49.610	ng	98
9) Benzaldehyde	6.298	77	100860	16.387	ng	98
10) Phenol	6.404	94	556126	46.942	ng	95
11) bis(2-Chloroethyl)ether	6.481	93	452771	50.950	ng	99
12) 1,3-Dichlorobenzene	6.675	146	439537	47.682	ng	99
13) 1,4-Dichlorobenzene	6.757	146	447360	47.701	ng	98
14) 1,2-Dichlorobenzene	6.904	146	410384	47.120	ng	99
15) Benzyl Alcohol	6.893	79	363043	46.827	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	790141	47.171	ng	74
17) 2-Methylphenol	7.010	107	343345	42.896	ng	# 92
18) Hexachloroethane	7.240	117	168569	48.646	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	298270	44.571	ng	97
20) 3+4-Methylphenols	7.163	107	439528	45.667	ng	# 70
22) Acetophenone	7.151	105	576085	46.738	ng	91
24) Nitrobenzene	7.322	77	478087	48.744	ng	99
25) Isophorone	7.563	82	880265	48.308	ng	99
26) 2-Nitrophenol	7.640	139	243521	51.731	ng	99
27) 2,4-Dimethylphenol	7.687	122	329456	41.637	ng	96
28) bis(2-Chloroethoxy)met...	7.775	93	558999	51.254	ng	99
29) 2,4-Dichlorophenol	7.887	162	368329	50.236	ng	100
30) 1,2,4-Trichlorobenzene	7.957	180	368136	48.037	ng	99
31) Naphthalene	8.040	128	1235948	47.183	ng	100
32) Benzoic acid	7.840	122	289366	48.566	ng	98
33) 4-Chloroaniline	8.104	127	139415	12.131	ng	99
34) Hexachlorobutadiene	8.151	225	212051	45.889	ng	98
35) Caprolactam	8.481	113	118926m	48.330	ng	
36) 4-Chloro-3-methylphenol	8.598	107	396454	48.651	ng	98
37) 2-Methylnaphthalene	8.734	142	783193	44.479	ng	97
38) 1-Methylnaphthalene	8.828	142	757893	45.974	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	375895	47.381	ng	98
41) Hexachlorocyclopentadiene	8.881	237	176171	53.129	ng	97
43) 2,4,6-Trichlorophenol	9.022	196	245461	47.255	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	260989	43.630	ng	99
46) 1,1'-Biphenyl	9.198	154	987175	46.909	ng	97
47) 2-Chloronaphthalene	9.222	162	726908	47.607	ng	98
48) 2-Nitroaniline	9.334	65	293122	49.414	ng	99
49) Acenaphthylene	9.639	152	1185053	46.700	ng	99
50) Dimethylphthalate	9.510	163	879842	47.522	ng	99
51) 2,6-Dinitrotoluene	9.575	165	194063	47.847	ng	97
52) Acenaphthene	9.810	154	697732	46.545	ng	99
53) 3-Nitroaniline	9.745	138	148638	31.220	ng	99
54) 2,4-Dinitrophenol	9.869	184	206476	88.918	ng	94
55) Dibenzofuran	9.986	168	1000523	43.738	ng	99
56) 4-Nitrophenol	9.934	139	234677	77.558	ng	98
57) 2,4-Dinitrotoluene	9.986	165	231544	45.601	ng	# 81
58) Fluorene	10.328	166	807712	45.930	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.110	232	215303	46.790	ng	97
60) Diethylphthalate	10.204	149	887258	47.751	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	377632	44.703	ng	93
62) 4-Nitroaniline	10.369	138	203510	44.469	ng	100
63) Azobenzene	10.481	77	896075	49.275	ng	96
65) 4,6-Dinitro-2-methylph...	10.398	198	137742	49.154	ng	99
66) n-Nitrosodiphenylamine	10.445	169	740464	46.358	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	239790	45.697	ng	94
68) Hexachlorobenzene	10.875	284	257603	48.187	ng	# 88
69) Atrazine	10.980	200	231431	53.848	ng	99
70) Pentachlorophenol	11.080	266	212671	66.493	ng	98
71) Phenanthrene	11.292	178	1167916	46.804	ng	98
72) Anthracene	11.345	178	1192339	46.486	ng	100
73) Carbazole	11.510	167	1132519	48.504	ng	99
74) Di-n-butylphthalate	11.833	149	1392958	50.629	ng	99
75) Fluoranthene	12.492	202	1219333	46.896	ng	99
77) Benzidine	12.622	184	123945	24.993	ng	99
78) Pyrene	12.722	202	1216340	52.777	ng	99
80) Butylbenzylphthalate	13.339	149	492960	60.751	ng	93
81) Benzo(a)anthracene	13.916	228	781902	50.022	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	190178	38.951	ng	98
83) Chrysene	13.951	228	761331	48.989	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	558549	67.078	ng	100
85) Di-n-octyl phthalate	14.516	149	865848	65.431	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	949327	51.943	ng	97
88) Benzo(b)fluoranthene	14.963	252	752397m	49.862	ng	
89) Benzo(k)fluoranthene	14.992	252	633661	42.511	ng	98
90) Benzo(a)pyrene	15.327	252	661001	45.935	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	779226	52.108	ng	99
92) Benzo(g,h,i)perylene	17.321	276	812295	52.012	ng	98

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

