

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135565.D
 Acq On : 04 Oct 2023 11:44
 Operator : CG\JU
 Sample : PB156015BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 04 13:06:57 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 06:58:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	141081	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	574228	20.000	ng	#-0.01
39) Acenaphthene-d10	9.774	164	283059	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	542125	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	303607	20.000	ng	0.00
86) Perylene-d12	15.386	264	281297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1024003	118.052	ng	0.00
7) Phenol-d6	6.392	99	1262062	114.424	ng	-0.01
23) Nitrobenzene-d5	7.310	82	812099	76.835	ng	-0.01
42) 2,4,6-Tribromophenol	10.574	330	292534	103.997	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1353614	72.148	ng	-0.01
79) Terphenyl-d14	12.863	244	1424497	72.734	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	154071	40.517	ng	95
3) Pyridine	3.269	79	381328	37.260	ng	98
4) n-Nitrosodimethylamine	3.228	42	247196	45.517	ng	99
6) Aniline	6.410	93	392181	27.115	ng	# 58
8) 2-Chlorophenol	6.528	128	422344	45.611	ng	97
9) Benzaldehyde	6.298	77	112069	17.836	ng	97
10) Phenol	6.404	94	482553	39.898	ng	83
11) bis(2-Chloroethyl)ether	6.481	93	409916	45.184	ng	99
12) 1,3-Dichlorobenzene	6.675	146	409872	43.554	ng	99
13) 1,4-Dichlorobenzene	6.757	146	417992	43.658	ng	98
14) 1,2-Dichlorobenzene	6.904	146	391411	44.022	ng	99
15) Benzyl Alcohol	6.892	79	345115	43.604	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.016	45	745813	43.614	ng	82
17) 2-Methylphenol	7.004	107	324837	39.753	ng	96
18) Hexachloroethane	7.239	117	157735	44.588	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	265879	38.918	ng	94
20) 3+4-Methylphenols	7.163	107	394011	40.100	ng	# 72
22) Acetophenone	7.151	105	528756	40.276	ng	94
24) Nitrobenzene	7.328	77	439280	42.050	ng	97
25) Isophorone	7.563	82	804617	41.458	ng	98
26) 2-Nitrophenol	7.639	139	222261	44.329	ng	96
27) 2,4-Dimethylphenol	7.681	122	340626	40.417	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	497174	42.799	ng	99
29) 2,4-Dichlorophenol	7.886	162	327698	41.963	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	345949	42.383	ng	99
31) Naphthalene	8.039	128	1159543	41.561	ng	99
32) Benzoic acid	7.828	122	264536	41.685	ng	98
33) 4-Chloroaniline	8.098	127	335676	27.422	ng	98
34) Hexachlorobutadiene	8.151	225	191837	38.977	ng	99
35) Caprolactam	8.475	113	120857m	46.113	ng	
36) 4-Chloro-3-methylphenol	8.592	107	357588	41.200	ng	96
37) 2-Methylnaphthalene	8.733	142	718599	38.316	ng	98
38) 1-Methylnaphthalene	8.828	142	680464	38.754	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	338735	41.307	ng	99
41) Hexachlorocyclopentadiene	8.880	237	155338	46.406	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	222709	41.479	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	232655	37.627	ng	99
46) 1,1'-Biphenyl	9.198	154	887567	40.803	ng	99
47) 2-Chloronaphthalene	9.222	162	675531	42.802	ng	99
48) 2-Nitroaniline	9.333	65	269235	43.910	ng	96
49) Acenaphthylene	9.639	152	1058578	40.358	ng	100
50) Dimethylphthalate	9.504	163	781866	40.855	ng	99
51) 2,6-Dinitrotoluene	9.575	165	174793	41.693	ng	89
52) Acenaphthene	9.810	154	637606	41.149	ng	97
53) 3-Nitroaniline	9.745	138	163673	33.259	ng	98
54) 2,4-Dinitrophenol	9.863	184	178527	75.400	ng	91
55) Dibenzofuran	9.986	168	909059	38.445	ng	100
56) 4-Nitrophenol	9.927	139	222896	71.266	ng	96
57) 2,4-Dinitrotoluene	9.986	165	203693	38.809	ng	# 90
58) Fluorene	10.327	166	735299	40.451	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.110	232	193530	40.688	ng	99
60) Diethylphthalate	10.210	149	774742	40.338	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	335152	38.382	ng	94
62) 4-Nitroaniline	10.369	138	203561m	43.032	ng	
63) Azobenzene	10.480	77	800805	42.602	ng	97
65) 4,6-Dinitro-2-methylph...	10.398	198	125489	43.582	ng	97
66) n-Nitrosodiphenylamine	10.445	169	670992	40.883	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	216061	40.072	ng	95
68) Hexachlorobenzene	10.874	284	234719	42.730	ng	# 89
69) Atrazine	10.980	200	209385	47.413	ng	98
70) Pentachlorophenol	11.080	266	178817	54.410	ng	99
71) Phenanthrene	11.292	178	1076998	42.004	ng	99
72) Anthracene	11.345	178	1098206	41.669	ng	100
73) Carbazole	11.510	167	1088274	45.360	ng	99
74) Di-n-butylphthalate	11.839	149	1242425	43.947	ng	100
75) Fluoranthene	12.492	202	1180233	44.176	ng	100
77) Benzidine	12.615	184	262022	42.126	ng	99
78) Pyrene	12.721	202	1193865	41.302	ng	100
80) Butylbenzylphthalate	13.345	149	495764	48.713	ng	96
81) Benzo(a)anthracene	13.915	228	847079	43.208	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	243453	39.756	ng	# 98
83) Chrysene	13.957	228	816729	41.902	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	582192	55.746	ng	99
85) Di-n-octyl phthalate	14.521	149	841375	50.695	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	851863	46.187	ng	96
88) Benzo(b)fluoranthene	14.962	252	722746	47.463	ng	# 97
89) Benzo(k)fluoranthene	14.992	252	630899	41.942	ng	# 98
90) Benzo(a)pyrene	15.327	252	618037	42.560	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	704107	46.658	ng	97
92) Benzo(g,h,i)perylene	17.315	276	732840	46.499	ng	95

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

