

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135339.D
 Acq On : 19 Sep 2023 17:21
 Operator : CG\JU
 Sample : PB155405BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155405BS

Quant Time: Sep 20 01:36:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	137795	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	552316	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	279025	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	541912	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	257480	20.000	ng	0.00
86) Perylene-d12	15.404	264	245817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1050068	123.944	ng	0.01
7) Phenol-d6	6.410	99	1340839	124.465	ng	0.00
23) Nitrobenzene-d5	7.328	82	879699	86.533	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	333778	120.374	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1480033	80.027	ng	0.00
79) Terphenyl-d14	12.886	244	1508831	90.841	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	149204	40.173	ng	99
3) Pyridine	3.316	79	389809	38.997	ng	98
4) n-Nitrosodimethylamine	3.281	42	260576	49.125	ng	99
6) Aniline	6.428	93	401991	28.456	ng	# 74
8) 2-Chlorophenol	6.545	128	432402	47.811	ng	99
9) Benzaldehyde	6.310	77	161072	26.246	ng	97
10) Phenol	6.422	94	484440	41.010	ng	84
11) bis(2-Chloroethyl)ether	6.504	93	416450	46.998	ng	98
12) 1,3-Dichlorobenzene	6.698	146	419757	45.668	ng	98
13) 1,4-Dichlorobenzene	6.775	146	424201	45.363	ng	98
14) 1,2-Dichlorobenzene	6.928	146	399396	45.991	ng	98
15) Benzyl Alcohol	6.910	79	323415m	41.836	ng	
16) 2,2'-oxybis(1-Chloropr...	7.034	45	796346	47.679	ng	90
17) 2-Methylphenol	7.022	107	343930	43.093	ng	96
18) Hexachloroethane	7.263	117	162610	47.062	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	276338	41.413	ng	96
20) 3+4-Methylphenols	7.175	107	398669	41.541	ng	94
22) Acetophenone	7.169	105	548011	43.399	ng	# 99
24) Nitrobenzene	7.345	77	445228	44.310	ng	99
25) Isophorone	7.581	82	851074	45.591	ng	98
26) 2-Nitrophenol	7.657	139	234932	48.715	ng	99
27) 2,4-Dimethylphenol	7.704	122	395422	48.781	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	523398	46.844	ng	99
29) 2,4-Dichlorophenol	7.904	162	349110	46.478	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	358993	45.726	ng	98
31) Naphthalene	8.057	128	1182869	44.079	ng	99
32) Benzoic acid	7.851	122	286088	46.869	ng	97
33) 4-Chloroaniline	8.110	127	238338	20.243	ng	99
34) Hexachlorobutadiene	8.175	225	206979	43.722	ng	99
35) Caprolactam	8.492	113	129366m	51.317	ng	
36) 4-Chloro-3-methylphenol	8.610	107	386776	46.331	ng	97
37) 2-Methylnaphthalene	8.751	142	761635	42.222	ng	98
38) 1-Methylnaphthalene	8.851	142	709441	42.007	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	352197	43.569	ng	99
41) Hexachlorocyclopentadiene	8.898	237	264724	74.846	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	234702	44.345	ng	99

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44) 2,4,5-Trichlorophenol	9.086	196	273075	44.802	ng	98
46) 1,1'-Biphenyl	9.222	154	940524	43.862	ng	99
47) 2-Chloronaphthalene	9.245	162	709860	45.627	ng	100
48) 2-Nitroaniline	9.345	65	290974	48.141	ng	94
49) Acenaphthylene	9.663	152	1107173	42.821	ng	100
50) Dimethylphthalate	9.528	163	872328	46.241	ng	100
51) 2,6-Dinitrotoluene	9.592	165	188949	45.721	ng	98
52) Acenaphthene	9.833	154	673965	44.124	ng	98
53) 3-Nitroaniline	9.763	138	150403	31.004	ng	96
54) 2,4-Dinitrophenol	9.880	184	203189	86.091	ng	98
55) Dibenzofuran	10.004	168	953352	40.902	ng	96
56) 4-Nitrophenol	9.939	139	256896	83.324	ng	99
57) 2,4-Dinitrotoluene	10.004	165	221456	42.804	ng	86
58) Fluorene	10.351	166	762259	42.540	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	228860	48.812	ng	98
60) Diethylphthalate	10.228	149	862881	45.576	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	356596	41.428	ng	99
62) 4-Nitroaniline	10.386	138	215984m	46.318	ng	
63) Azobenzene	10.504	77	861386	46.488	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	143389	49.818	ng	96
66) n-Nitrosodiphenylamine	10.469	169	724757	44.176	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	237079	43.987	ng	98
68) Hexachlorobenzene	10.898	284	253528	46.173	ng	# 91
69) Atrazine	10.998	200	237975	53.908	ng	98
70) Pentachlorophenol	11.098	266	249332	75.896	ng	99
71) Phenanthrene	11.316	178	1144929	44.671	ng	98
72) Anthracene	11.369	178	1160313	44.043	ng	100
73) Carbazole	11.527	167	1101149	45.915	ng	100
74) Di-n-butylphthalate	11.857	149	1339623	47.404	ng	99
75) Fluoranthene	12.510	202	1197482	44.839	ng	100
77) Benzidine	12.633	184	284385	53.912	ng	99
78) Pyrene	12.739	202	1205919	49.193	ng	100
80) Butylbenzylphthalate	13.363	149	488668	56.618	ng	95
81) Benzo(a)anthracene	13.933	228	745415	44.834	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	174695	33.639	ng	# 95
83) Chrysene	13.974	228	759339	45.936	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	530806	59.931	ng	100
85) Di-n-octyl phthalate	14.545	149	826709	58.735	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	793222	49.215	ng	97
88) Benzo(b)fluoranthene	14.986	252	688249	51.721	ng	99
89) Benzo(k)fluoranthene	15.010	252	614008m	46.711	ng	
90) Benzo(a)pyrene	15.345	252	598407	47.156	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	634891	48.143	ng	98
92) Benzo(g,h,i)perylene	17.339	276	663671	48.188	ng	97

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

