

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135302.D
 Acq On : 18 Sep 2023 12:48
 Operator : CG\JU
 Sample : PB155317BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB155317BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 18 13:11:36 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	199825	40.000	ng	0.00
21) Naphthalene-d8	8.039	136	762520	40.000	ng	0.00
39) Acenaphthene-d10	9.798	164	389274	40.000	ng	0.00
64) Phenanthrene-d10	11.292	188	734337	40.000	ng	0.00
76) Chrysene-d12	13.951	240	354848	40.000	ng	# 0.00
86) Perylene-d12	15.415	264	438815	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	767812	124.990	ng	0.01
7) Phenol-d6	6.410	99	951921	121.867	ng	0.00
23) Nitrobenzene-d5	7.328	82	612489	87.279	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	263658	136.312	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1110374	86.070	ng	0.00
79) Terphenyl-d14	12.886	244	1052708	91.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	107080	39.763	ng	99
3) Pyridine	3.304	79	352847	48.683	ng	98
4) n-Nitrosodimethylamine	3.263	42	245679	63.878	ng	99
6) Aniline	6.428	93	358824	35.031	ng	# 78
8) 2-Chlorophenol	6.545	128	301261	45.940	ng	99
9) Benzaldehyde	6.316	77	177444	39.876	ng	99
10) Phenol	6.422	94	357589	41.749	ng	83
11) bis(2-Chloroethyl)ether	6.504	93	283023	44.051	ng	99
12) 1,3-Dichlorobenzene	6.698	146	305044	45.771	ng	98
13) 1,4-Dichlorobenzene	6.775	146	308495	45.498	ng	97
14) 1,2-Dichlorobenzene	6.928	146	294155	46.715	ng	98
15) Benzyl Alcohol	6.910	79	258427	46.105	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	517696	42.748	ng	97
17) 2-Methylphenol	7.022	107	237715	41.078	ng	97
18) Hexachloroethane	7.263	117	117089	46.736	ng	91
19) n-Nitroso-di-n-propyla...	7.175	70	204248	42.215	ng	96
20) 3+4-Methylphenols	7.175	107	287488	41.314	ng	96
22) Acetophenone	7.175	105	398383	45.704	ng	99
24) Nitrobenzene	7.345	77	317213	45.733	ng	100
25) Isophorone	7.586	82	565451	43.881	ng	99
26) 2-Nitrophenol	7.657	139	157624	47.349	ng	95
27) 2,4-Dimethylphenol	7.704	122	260538	46.561	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	347607	45.069	ng	99
29) 2,4-Dichlorophenol	7.904	162	241266	46.532	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	261080	48.174	ng	98
31) Naphthalene	8.063	128	853218	46.059	ng	100
32) Benzoic acid	7.839	122	182493	43.311	ng	93
33) 4-Chloroaniline	8.116	127	293966	36.170	ng	100
34) Hexachlorobutadiene	8.175	225	153379	46.936	ng	98
35) Caprolactam	8.486	113	81310m	46.726	ng	
36) 4-Chloro-3-methylphenol	8.604	107	266951	46.324	ng	100
37) 2-Methylnaphthalene	8.751	142	548699	44.065	ng	98
38) 1-Methylnaphthalene	8.851	142	504563	43.280	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	256507	45.490	ng	99
41) Hexachlorocyclopentadiene	8.904	237	203908	89.261	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	169906	46.021	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	184568	43.410	ng	98
46) 1,1'-Biphenyl	9.222	154	678321	45.350	ng	100
47) 2-Chloronaphthalene	9.245	162	506179	46.641	ng	98
48) 2-Nitroaniline	9.351	65	194039	46.022	ng	96
49) Acenaphthylene	9.663	152	812682	45.058	ng	99
50) Dimethylphthalate	9.528	163	597397	45.397	ng	100
51) 2,6-Dinitrotoluene	9.592	165	132106	45.826	ng	94
52) Acenaphthene	9.833	154	486318	45.643	ng	97
53) 3-Nitroaniline	9.763	138	129281	38.204	ng	96
54) 2,4-Dinitrophenol	9.880	184	148964	96.410	ng	93
55) Dibenzofuran	10.004	168	732127	45.029	ng	98
56) 4-Nitrophenol	9.939	139	196527	91.380	ng	98
57) 2,4-Dinitrotoluene	9.998	165	167942	46.534	ng	88
58) Fluorene	10.351	166	572479	45.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	152623	46.665	ng	100
60) Diethylphthalate	10.227	149	597226	45.222	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	274147	45.659	ng	92
62) 4-Nitroaniline	10.380	138	141566	43.522	ng	96
63) Azobenzene	10.504	77	580897	44.943	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	96432	49.449	ng	86
66) n-Nitrosodiphenylamine	10.469	169	517935	46.594	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	170269	46.627	ng	96
68) Hexachlorobenzene	10.898	284	190975	51.333	ng	93
69) Atrazine	10.998	200	163261	54.585	ng	98
70) Pentachlorophenol	11.098	266	182390	81.942	ng	97
71) Phenanthrene	11.316	178	831724	47.895	ng	99
72) Anthracene	11.369	178	836276	46.851	ng	99
73) Carbazole	11.527	167	755451	46.492	ng	99
74) Di-n-butylphthalate	11.857	149	894098	46.696	ng	99
75) Fluoranthene	12.510	202	815246	45.054	ng	99
77) Benzidine	12.639	184	287354	79.055	ng	99
78) Pyrene	12.739	202	805048	47.658	ng	99
80) Butylbenzylphthalate	13.368	149	272246	45.775	ng	94
81) Benzo(a)anthracene	13.939	228	524367	45.769	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	177285	49.541	ng	98
83) Chrysene	13.974	228	505863	44.410	ng	100
84) Bis(2-ethylhexyl)phtha...	13.927	149	306270	50.183	ng	98
85) Di-n-octyl phthalate	14.545	149	515514	53.151	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	677101	47.067	ng	99
88) Benzo(b)fluoranthene	14.986	252	512374	43.139	ng	100
89) Benzo(k)fluoranthene	15.015	252	517975	44.148	ng	98
90) Benzo(a)pyrene	15.351	252	475031	41.939	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	546796	46.454	ng	98
92) Benzo(g,h,i)perylene	17.345	276	559450	45.510	ng	99

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

