

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135471.D
 Acq On : 27 Sep 2023 14:29
 Operator : CG\JU
 Sample : 04441-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MS

Quant Time: Sep 28 01:45:06 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 26 01:36:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	160374	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	606773	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	282409	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	467374	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	242978	20.000	ng	0.00
86) Perylene-d12	15.416	264	332634	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1177178	119.385	ng	0.02
7) Phenol-d6	6.410	99	1451438	115.763	ng	0.00
23) Nitrobenzene-d5	7.322	82	937563	83.948	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	278061	99.079	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1486390	79.408	ng	0.00
79) Terphenyl-d14	12.880	244	1111440	70.910	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.534	88	145231	33.598	ng	92
3) Pyridine	3.293	79	430367	36.993	ng	94
4) n-Nitrosodimethylamine	3.246	42	287040	46.495	ng	90
6) Aniline	6.422	93	534505	32.509	ng	# 21
8) 2-Chlorophenol	6.546	128	515665	48.990	ng	98
9) Benzaldehyde	6.310	77	155009	21.702	ng	99
10) Phenol	6.422	94	595941	43.346	ng	84
11) bis(2-Chloroethyl)ether	6.498	93	512890	49.733	ng	99
12) 1,3-Dichlorobenzene	6.698	146	485291	45.365	ng	98
13) 1,4-Dichlorobenzene	6.775	146	493250	45.320	ng	98
14) 1,2-Dichlorobenzene	6.922	146	469417	46.444	ng	99
15) Benzyl Alcohol	6.904	79	417398	46.392	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.034	45	925761	47.624	ng	86
17) 2-Methylphenol	7.022	107	412971	44.459	ng	95
18) Hexachloroethane	7.263	117	188860	46.964	ng	95
19) n-Nitroso-di-n-propyla...	7.175	70	326877	42.090	ng	96
20) 3+4-Methylphenols	7.175	107	468195	41.917	ng	90
22) Acetophenone	7.169	105	642067	46.284	ng	96
24) Nitrobenzene	7.345	77	539388	48.863	ng	97
25) Isophorone	7.581	82	992045	48.373	ng	97
26) 2-Nitrophenol	7.657	139	271515	51.248	ng	97
27) 2,4-Dimethylphenol	7.698	122	393804	44.221	ng	97
28) bis(2-Chloroethoxy)met...	7.793	93	625413	50.951	ng	99
29) 2,4-Dichlorophenol	7.904	162	398345	48.273	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	414599	48.069	ng	99
31) Naphthalene	8.057	128	1392247	47.225	ng	99
32) Benzoic acid	7.845	122	299391	44.646	ng	99
33) 4-Chloroaniline	8.116	127	445638	34.453	ng	97
34) Hexachlorobutadiene	8.169	225	232258	44.659	ng	99
35) Caprolactam	8.492	113	132203m	47.736	ng	
36) 4-Chloro-3-methylphenol	8.610	107	424419	46.277	ng	93
37) 2-Methylnaphthalene	8.751	142	867766	43.788	ng	99
38) 1-Methylnaphthalene	8.851	142	823323	44.375	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	398767	48.739	ng	99
41) Hexachlorocyclopentadiene	8.898	237	205613	59.154	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	262615	49.024	ng	99

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44) 2,4,5-Trichlorophenol	9.087	196	279400	45.291	ng	98
46) 1,1'-Biphenyl	9.216	154	1064299	49.040	ng	98
47) 2-Chloronaphthalene	9.239	162	800928	50.864	ng	99
48) 2-Nitroaniline	9.345	65	302461	49.442	ng	97
49) Acenaphthylene	9.657	152	1267326	48.427	ng	100
50) Dimethylphthalate	9.522	163	911176	47.721	ng	100
51) 2,6-Dinitrotoluene	9.592	165	196778	47.045	ng	89
52) Acenaphthene	9.828	154	737301	47.692	ng	96
53) 3-Nitroaniline	9.763	138	190443	38.787	ng	94
54) 2,4-Dinitrophenol	9.881	184	172023	73.034	ng	91
55) Dibenzofuran	10.004	168	1038993	44.042	ng	100
56) 4-Nitrophenol	9.945	139	239958	76.897	ng	91
57) 2,4-Dinitrotoluene	9.998	165	219068	41.835	ng #	84
58) Fluorene	10.345	166	810225	44.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	211397	44.547	ng	98
60) Diethylphthalate	10.228	149	878165	45.828	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	378161	43.407	ng	94
62) 4-Nitroaniline	10.381	138	190042	40.266	ng	97
63) Azobenzene	10.498	77	908621	48.449	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	118277	47.647	ng	84
66) n-Nitrosodiphenylamine	10.463	169	742589	52.481	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	238880	51.390	ng	94
68) Hexachlorobenzene	10.898	284	243021	51.318	ng	97
69) Atrazine	10.992	200	208889	54.866	ng	99
70) Pentachlorophenol	11.098	266	209460	73.927	ng	99
71) Phenanthrene	11.316	178	1126334	50.954	ng	99
72) Anthracene	11.363	178	1117676	49.191	ng	100
73) Carbazole	11.528	167	988415	47.787	ng	99
74) Di-n-butylphthalate	11.857	149	1231571	50.531	ng	100
75) Fluoranthene	12.510	202	1079889	46.884	ng	99
77) Benzidine	12.633	184	341379	68.580	ng	99
78) Pyrene	12.739	202	1044355	45.145	ng	99
80) Butylbenzylphthalate	13.363	149	406505	49.909	ng	99
81) Benzo(a)anthracene	13.933	228	802538	51.151	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	276250	56.369	ng #	98
83) Chrysene	13.974	228	796204	51.041	ng	99
84) Bis(2-ethylhexyl)phtha...	13.922	149	513812	61.475	ng #	99
85) Di-n-octyl phthalate	14.545	149	1001680	75.413	ng #	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	972523	44.591	ng	96
88) Benzo(b)fluoranthene	14.992	252	934424	51.893	ng #	96
89) Benzo(k)fluoranthene	15.016	252	795862	44.743	ng #	97
90) Benzo(a)pyrene	15.357	252	821177	47.821	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	786645	44.082	ng	98
92) Benzo(g,h,i)perylene	17.351	276	758933	40.722	ng	95

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

