

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135689.D
 Acq On : 10 Oct 2023 17:27
 Operator : CG\JU
 Sample : PB155881BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155881BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 02:59:47 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 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	101991	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	384782	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	193498	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	378671	20.000	ng	0.00
76) Chrysene-d12	13.933	240	192260	20.000	ng	0.00
86) Perylene-d12	15.404	264	201352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	829776	132.324	ng	0.02
7) Phenol-d6	6.398	99	1015605	127.370	ng	0.00
23) Nitrobenzene-d5	7.310	82	643817	90.904	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	260523	135.484	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1153168	89.914	ng	0.00
79) Terphenyl-d14	12.869	244	1177393	94.933	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	104078	37.861	ng	99
3) Pyridine	3.287	79	237364	32.082	ng	98
4) n-Nitrosodimethylamine	3.240	42	184671	47.037	ng	95
6) Aniline	6.410	93	307457	29.404	ng	# 12
8) 2-Chlorophenol	6.534	128	315233	47.091	ng	94
9) Benzaldehyde	6.298	77	62798	13.825	ng	96
10) Phenol	6.410	94	368985	42.201	ng	77
11) bis(2-Chloroethyl)ether	6.481	93	302061	46.056	ng	97
12) 1,3-Dichlorobenzene	6.681	146	311174	45.740	ng	98
13) 1,4-Dichlorobenzene	6.757	146	314607	45.453	ng	99
14) 1,2-Dichlorobenzene	6.904	146	294562	45.827	ng	99
15) Benzyl Alcohol	6.898	79	240828	42.089	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	537633	43.490	ng	61
17) 2-Methylphenol	7.010	107	251712	42.610	ng	# 91
18) Hexachloroethane	7.240	117	115416	45.129	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	209167	42.351	ng	95
20) 3+4-Methylphenols	7.163	107	313786	44.175	ng	# 78
22) Acetophenone	7.157	105	413013	46.949	ng	# 94
24) Nitrobenzene	7.328	77	322584	46.082	ng	98
25) Isophorone	7.563	82	589315	45.314	ng	98
26) 2-Nitrophenol	7.645	139	164709	49.024	ng	94
27) 2,4-Dimethylphenol	7.687	122	242478	42.937	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	365223	46.920	ng	99
29) 2,4-Dichlorophenol	7.887	162	254039	48.547	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	260175	47.568	ng	99
31) Naphthalene	8.040	128	878202	46.974	ng	99
32) Benzoic acid	7.845	122	175239	41.209	ng	98
33) 4-Chloroaniline	8.098	127	235014	28.652	ng	98
34) Hexachlorobutadiene	8.151	225	153906	46.666	ng	99
35) Caprolactam	8.481	113	88716m	50.515	ng	
36) 4-Chloro-3-methylphenol	8.598	107	283109	48.678	ng	99
37) 2-Methylnaphthalene	8.734	142	549084	43.693	ng	100
38) 1-Methylnaphthalene	8.834	142	530119	45.056	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	267465	47.712	ng	100
41) Hexachlorocyclopentadiene	8.881	237	117425	50.535	ng	100
43) 2,4,6-Trichlorophenol	9.022	196	167375	45.602	ng	99

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44) 2,4,5-Trichlorophenol	9.075	196	175588	41.541	ng	99
46) 1,1'-Biphenyl	9.198	154	699520	47.042	ng	98
47) 2-Chloronaphthalene	9.228	162	528367	48.972	ng	99
48) 2-Nitroaniline	9.334	65	200238	47.772	ng	93
49) Acenaphthylene	9.639	152	861456	48.044	ng	100
50) Dimethylphthalate	9.504	163	616025	47.088	ng	100
51) 2,6-Dinitrotoluene	9.581	165	136668	47.687	ng	89
52) Acenaphthene	9.810	154	500874	47.286	ng	99
53) 3-Nitroaniline	9.751	138	116255	34.557	ng	100
54) 2,4-Dinitrophenol	9.875	184	132611	81.390	ng	99
55) Dibenzofuran	9.986	168	744399	46.053	ng	96
56) 4-Nitrophenol	9.939	139	141089	65.989	ng	99
57) 2,4-Dinitrotoluene	9.992	165	173664	48.403	ng	96
58) Fluorene	10.333	166	602460	48.483	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	149511	45.983	ng	99
60) Diethylphthalate	10.210	149	628258	47.851	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	287785	48.212	ng	94
62) 4-Nitroaniline	10.375	138	145528	45.003	ng	97
63) Azobenzene	10.486	77	612364	47.656	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	90781	45.137	ng	83
66) n-Nitrosodiphenylamine	10.445	169	549785	47.957	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	174846	46.426	ng	99
68) Hexachlorobenzene	10.880	284	192673	50.216	ng	# 93
69) Atrazine	10.980	200	169276	54.876	ng	98
70) Pentachlorophenol	11.086	266	142533	62.090	ng	97
71) Phenanthrene	11.298	178	855968	47.794	ng	98
72) Anthracene	11.351	178	886927	48.179	ng	99
73) Carbazole	11.516	167	827852	49.400	ng	100
74) Di-n-butylphthalate	11.839	149	977770	49.515	ng	99
75) Fluoranthene	12.498	202	900860	48.274	ng	99
77) Benzidine	12.627	184	262209	66.571	ng	98
78) Pyrene	12.727	202	901877	49.270	ng	99
80) Butylbenzylphthalate	13.345	149	340779	52.877	ng	97
81) Benzo(a)anthracene	13.927	228	627689	50.560	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	174630	45.033	ng	99
83) Chrysene	13.963	228	586699	47.532	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	402518	60.864	ng	# 99
85) Di-n-octyl phthalate	14.521	149	561513	53.426	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	646271	48.953	ng	99
88) Benzo(b)fluoranthene	14.980	252	528456	48.483	ng	99
89) Benzo(k)fluoranthene	15.010	252	495734	46.041	ng	99
90) Benzo(a)pyrene	15.345	252	480014	46.180	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	532595	49.305	ng	98
92) Benzo(g,h,i)perylene	17.351	276	541910	48.036	ng	99

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

