

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136116.D
 Acq On : 03 Nov 2023 10:58
 Operator : CG\JU
 Sample : PB156791BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156791BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2023
 Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 04 00:05:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	103104	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	423718	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	222693	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	403733	20.000	ng	0.00
76) Chrysene-d12	14.010	240	205462	20.000	ng	0.00
86) Perylene-d12	15.498	264	192003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	878659	133.916	ng	0.00
7) Phenol-d6	6.463	99	1083020	132.481	ng	0.00
23) Nitrobenzene-d5	7.387	82	665809	94.725	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	330045	138.851	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1232554	88.230	ng	0.00
79) Terphenyl-d14	12.957	244	1360159	102.877	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	118031	41.312	ng	98
3) Pyridine	3.416	79	260441	33.397	ng	99
4) n-Nitrosodimethylamine	3.381	42	153395	47.046	ng	94
6) Aniline	6.487	93	378709	35.781	ng	100
8) 2-Chlorophenol	6.604	128	346786	49.437	ng	99
9) Benzaldehyde	6.369	77	110940	24.337	ng	96
10) Phenol	6.475	94	403096m	47.673	ng	
11) bis(2-Chloroethyl)ether	6.563	93	312927	47.274	ng	99
12) 1,3-Dichlorobenzene	6.763	146	359473	49.237	ng	97
13) 1,4-Dichlorobenzene	6.840	146	362131	49.494	ng	97
14) 1,2-Dichlorobenzene	6.987	146	349443	51.077	ng	96
15) Benzyl Alcohol	6.963	79	283582	48.923	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	424587	46.600	ng	99
17) 2-Methylphenol	7.075	107	267128	44.889	ng	95
18) Hexachloroethane	7.334	117	128707	50.049	ng	90
19) n-Nitroso-di-n-propyla...	7.240	70	218163	46.706	ng	95
20) 3+4-Methylphenols	7.228	107	325779	44.895	ng	95
22) Acetophenone	7.234	105	448214	47.704	ng	# 90
24) Nitrobenzene	7.404	77	336312	47.302	ng	92
25) Isophorone	7.645	82	618912	46.641	ng	99
26) 2-Nitrophenol	7.722	139	173306	53.426	ng	97
27) 2,4-Dimethylphenol	7.757	122	296618	48.389	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	372248	45.784	ng	99
29) 2,4-Dichlorophenol	7.963	162	280395	48.522	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	303480	48.141	ng	99
31) Naphthalene	8.128	128	950370	46.513	ng	99
32) Benzoic acid	7.887	122	215910	44.398	ng	91
33) 4-Chloroaniline	8.175	127	279446	31.230	ng	98
34) Hexachlorobutadiene	8.239	225	181567	50.223	ng	99
35) Caprolactam	8.551	113	93304m	49.656	ng	
36) 4-Chloro-3-methylphenol	8.657	107	297890	49.101	ng	99
37) 2-Methylnaphthalene	8.816	142	616457	44.996	ng	98
38) 1-Methylnaphthalene	8.916	142	578327	45.360	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	298021	46.925	ng	98
41) Hexachlorocyclopentadiene	8.969	237	347365	102.377	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	196938	47.559	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	217583	45.360	ng	96
46) 1,1'-Biphenyl	9.286	154	780920	46.001	ng	98
47) 2-Chloronaphthalene	9.310	162	591258	47.244	ng	99
48) 2-Nitroaniline	9.404	65	185927	50.200	ng	97
49) Acenaphthylene	9.722	152	898838	46.039	ng	100
50) Dimethylphthalate	9.592	163	693677	47.224	ng	99
51) 2,6-Dinitrotoluene	9.651	165	158450	50.434	ng	100
52) Acenaphthene	9.898	154	562139m	45.293	ng	
53) 3-Nitroaniline	9.816	138	142253	38.805	ng	91
54) 2,4-Dinitrophenol	9.928	184	162225	93.751	ng	96
55) Dibenzofuran	10.069	168	833868	46.076	ng	95
56) 4-Nitrophenol	9.981	139	259713	94.714	ng	# 78
57) 2,4-Dinitrotoluene	10.051	165	208796	52.527	ng	94
58) Fluorene	10.416	166	626584	46.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	183716m	48.174	ng	
60) Diethylphthalate	10.292	149	672511	47.916	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	306305	45.286	ng	99
62) 4-Nitroaniline	10.439	138	164504	46.603	ng	96
63) Azobenzene	10.569	77	621817	46.004	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	112765	50.491	ng	87
66) n-Nitrosodiphenylamine	10.528	169	581014	47.706	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	203198	48.005	ng	# 92
68) Hexachlorobenzene	10.963	284	227272	50.273	ng	98
69) Atrazine	11.057	200	128565	38.798	ng	98
70) Pentachlorophenol	11.157	266	251001	86.453	ng	98
71) Phenanthrene	11.380	178	964156	47.430	ng	99
72) Anthracene	11.433	178	981189	47.104	ng	99
73) Carbazole	11.586	167	859238	47.469	ng	99
74) Di-n-butylphthalate	11.927	149	983189	47.535	ng	99
75) Fluoranthene	12.574	202	954599	45.711	ng	96
77) Benzidine	12.698	184	241165	60.222	ng	100
78) Pyrene	12.804	202	954386	52.686	ng	99
80) Butylbenzylphthalate	13.433	149	330974	51.043	ng	98
81) Benzo(a)anthracene	13.998	228	653912	48.074	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	196685	45.304	ng	100
83) Chrysene	14.039	228	625944	46.727	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	380313	50.343	ng	98
85) Di-n-octyl phthalate	14.621	149	544816	48.142	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	711411	56.693	ng	98
88) Benzo(b)fluoranthene	15.063	252	557358	49.058	ng	99
89) Benzo(k)fluoranthene	15.092	252	540012	48.038	ng	99
90) Benzo(a)pyrene	15.433	252	493841	46.782	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	577432	56.176	ng	97
92) Benzo(g,h,i)perylene	17.474	276	596934	50.827	ng	99

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

