

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103023\
 Data File : BF136034.D
 Acq On : 30 Oct 2023 18:27
 Operator : CG\JU
 Sample : PB156520BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156520BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 31 01:40:28 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	162488	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	655001	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	341007	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	637123	20.000	ng	0.00
76) Chrysene-d12	14.010	240	391046	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	338487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1362488	131.765	ng	0.01
7) Phenol-d6	6.463	99	1695715	131.620	ng	0.00
23) Nitrobenzene-d5	7.392	82	991131	91.218	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	499820	137.320	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1813802	84.790	ng	0.00
79) Terphenyl-d14	12.957	244	2187904	86.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	194328	43.159	ng	98
3) Pyridine	3.428	79	435294	35.419	ng	97
4) n-Nitrosodimethylamine	3.393	42	236261	45.978	ng	99
6) Aniline	6.487	93	592059	35.495	ng	100
8) 2-Chlorophenol	6.610	128	532800	48.195	ng	97
10) Phenol	6.475	94	636097m	47.736	ng	
11) bis(2-Chloroethyl)ether	6.563	93	493234	47.281	ng	97
12) 1,3-Dichlorobenzene	6.763	146	551035	47.891	ng	96
13) 1,4-Dichlorobenzene	6.839	146	558733	48.455	ng	97
14) 1,2-Dichlorobenzene	6.992	146	531997	49.341	ng	98
15) Benzyl Alcohol	6.969	79	424255	46.443	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	684608	47.678	ng	99
17) 2-Methylphenol	7.081	107	415045	44.256	ng	98
18) Hexachloroethane	7.334	117	194990	48.112	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	336868	45.762	ng	99
20) 3+4-Methylphenols	7.234	107	498597	43.599	ng	99
22) Acetophenone	7.239	105	689932	47.502	ng	98
24) Nitrobenzene	7.410	77	512713	46.650	ng	98
25) Isophorone	7.645	82	953579	46.487	ng	100
26) 2-Nitrophenol	7.722	139	259271	51.704	ng	98
27) 2,4-Dimethylphenol	7.763	122	457656	48.298	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	582513	46.347	ng	99
29) 2,4-Dichlorophenol	7.963	162	424532	47.524	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	463786	47.592	ng	99
31) Naphthalene	8.128	128	1444538	45.734	ng	99
32) Benzoic acid	7.892	122	340136	45.148	ng	99
33) 4-Chloroaniline	8.175	127	425121	30.734	ng	99
34) Hexachlorobutadiene	8.245	225	262617	46.992	ng	99
35) Caprolactam	8.551	113	147979m	50.945	ng	
36) 4-Chloro-3-methylphenol	8.657	107	449284	47.907	ng	98
37) 2-Methylnaphthalene	8.822	142	933499	44.077	ng	99
38) 1-Methylnaphthalene	8.916	142	888196	45.065	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	440874	45.333	ng	99
41) Hexachlorocyclopentadiene	8.975	237	527663	101.558	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	301893	47.610	ng	99
44) 2,4,5-Trichlorophenol	9.145	196	326741	44.483	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.286	154	1180867	45.426	ng	99
47) 2-Chloronaphthalene	9.310	162	897061	46.810	ng	99
48) 2-Nitroaniline	9.404	65	280755	49.503	ng	99
49) Acenaphthylene	9.727	152	1371951	45.891	ng	99
50) Dimethylphthalate	9.592	163	1031796	45.871	ng	99
51) 2,6-Dinitrotoluene	9.651	165	236236	49.105	ng	98
52) Acenaphthene	9.898	154	887318	46.688	ng	98
53) 3-Nitroaniline	9.822	138	220987	39.368	ng	99
54) 2,4-Dinitrophenol	9.927	184	243527	92.064	ng	98
55) Dibenzofuran	10.075	168	1260674	45.491	ng	99
56) 4-Nitrophenol	9.980	139	430670	102.567	ng	87
57) 2,4-Dinitrotoluene	10.057	165	312576	51.353	ng	95
58) Fluorene	10.416	166	933020	44.967	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	281343	48.178	ng	100
60) Diethylphthalate	10.298	149	997350	46.406	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	457785	44.199	ng	100
62) 4-Nitroaniline	10.439	138	262444	48.553	ng	98
63) Azobenzene	10.569	77	954997	46.140	ng	99
65) 4,6-Dinitro-2-methylph...	10.463	198	169459	48.357	ng	92
66) n-Nitrosodiphenylamine	10.533	169	877887	45.677	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	312585	46.796	ng	99
68) Hexachlorobenzene	10.963	284	350448	49.123	ng	98
69) Atrazine	11.063	200	201833	38.597	ng	100
70) Pentachlorophenol	11.157	266	401279	87.583	ng	98
71) Phenanthrene	11.380	178	1493078	46.543	ng	100
72) Anthracene	11.433	178	1514618	46.077	ng	99
73) Carbazole	11.592	167	1369324	47.937	ng	99
74) Di-n-butylphthalate	11.927	149	1525156	46.726	ng	99
75) Fluoranthene	12.574	202	1552646	47.114	ng	99
77) Benzidine	12.698	184	414338	54.362	ng	99
78) Pyrene	12.804	202	1598614	46.368	ng	100
80) Butylbenzylphthalate	13.439	149	608855	49.336	ng	97
81) Benzo(a)anthracene	14.004	228	1234847	47.699	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	390527	47.263	ng	98
83) Chrysene	14.039	228	1205018	47.264	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	710315	49.403	ng	98
85) Di-n-octyl phthalate	14.627	149	1143998	53.113	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	1095715	49.530	ng	100
88) Benzo(b)fluoranthene	15.062	252	999848	49.920	ng	99
89) Benzo(k)fluoranthene	15.092	252	998839	50.402	ng	99
90) Benzo(a)pyrene	15.433	252	859160	46.167	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	913539	50.413	ng	99
92) Benzo(g,h,i)perylene	17.474	276	925392	45.044	ng	99

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

