

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132317.D
 Acq On : 03 Feb 2023 11:47
 Operator : CG\JU
 Sample : PB150645BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150645BS

Quant Time: Feb 04 01:35:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	211942	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	817050	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	413822	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	750068	20.000	ng	0.00
76) Chrysene-d12	14.277	240	389414	20.000	ng	0.00
86) Perylene-d12	15.854	264	352436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1562885	118.531	ng	0.02
7) Phenol-d6	6.684	99	1907296	117.331	ng	0.00
23) Nitrobenzene-d5	7.631	82	1165718	79.394	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	626913	147.315	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	2065876	77.092	ng	0.00
79) Terphenyl-d14	13.207	244	2263985	112.463	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.096	88	216684	34.925	ng	96
3) Pyridine	3.819	79	563233	33.463	ng	97
4) n-Nitrosodimethylamine	3.790	42	204222	37.919	ng	87
6) Aniline	6.719	93	762191m	34.553	ng	
8) 2-Chlorophenol	6.843	128	643195	47.099	ng	97
9) Benzaldehyde	6.607	77	249660	24.168	ng	99
10) Phenol	6.695	94	701296	41.681	ng	98
11) bis(2-Chloroethyl)ether	6.790	93	609927	44.047	ng	97
12) 1,3-Dichlorobenzene	7.001	146	662067	45.838	ng	99
13) 1,4-Dichlorobenzene	7.078	146	669387	46.429	ng	99
14) 1,2-Dichlorobenzene	7.231	146	651354	48.444	ng	98
15) Benzyl Alcohol	7.201	79	491388	41.428	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.331	45	567471	38.896	ng	94
17) 2-Methylphenol	7.301	107	502247	42.015	ng	99
18) Hexachloroethane	7.578	117	253829	46.931	ng	97
19) n-Nitroso-di-n-propyla...	7.472	70	348391	37.731	ng	96
20) 3+4-Methylphenols	7.454	107	611619	40.087	ng	94
22) Acetophenone	7.472	105	789970	41.113	ng	98
24) Nitrobenzene	7.648	77	589535	39.302	ng	94
25) Isophorone	7.884	82	1138568	40.856	ng	97
26) 2-Nitrophenol	7.960	139	344046	47.088	ng	94
27) 2,4-Dimethylphenol	7.989	122	566591	44.304	ng	99
28) bis(2-Chloroethoxy)met...	8.089	93	708139	41.350	ng	99
29) 2,4-Dichlorophenol	8.201	162	517541	45.581	ng	97
30) 1,2,4-Trichlorobenzene	8.289	180	562542	46.267	ng	97
31) Naphthalene	8.372	128	1688670	41.988	ng	99
32) Benzoic acid	8.113	122	444190	46.923	ng	88
33) 4-Chloroaniline	8.413	127	308526	17.300	ng	97
34) Hexachlorobutadiene	8.484	225	323829	47.376	ng	100
35) Caprolactam	8.795	113	174640m	45.117	ng	
36) 4-Chloro-3-methylphenol	8.889	107	533572	43.620	ng	97
37) 2-Methylnaphthalene	9.066	142	1122214	41.194	ng	100
38) 1-Methylnaphthalene	9.166	142	1037783	40.993	ng	100
40) 1,2,4,5-Tetrachloroben...	9.231	216	510536	43.840	ng	100
41) Hexachlorocyclopentadiene	9.219	237	640833	94.319	ng	100
43) 2,4,6-Trichlorophenol	9.336	196	380126	45.664	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	406509	42.427	ng	99
46) 1,1'-Biphenyl	9.531	154	1346376	42.202	ng	97
47) 2-Chloronaphthalene	9.560	162	1050604	43.236	ng	100
48) 2-Nitroaniline	9.648	65	271539	37.575	ng	86
49) Acenaphthylene	9.978	152	1651222	41.637	ng	99
50) Dimethylphthalate	9.831	163	1247683	43.102	ng	99
51) 2,6-Dinitrotoluene	9.889	165	295837	45.760	ng	90
52) Acenaphthene	10.148	154	1162459	46.820	ng	99
53) 3-Nitroaniline	10.060	138	225503	28.763	ng	99
54) 2,4-Dinitrophenol	10.172	184	334978	88.879	ng	89
55) Dibenzofuran	10.325	168	1436307	41.173	ng	99
56) 4-Nitrophenol	10.219	139	499175	84.610	ng	95
57) 2,4-Dinitrotoluene	10.301	165	381982	45.485	ng	89
58) Fluorene	10.666	166	1106291	41.207	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	327278	46.854	ng	98
60) Diethylphthalate	10.531	149	1257735	43.676	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	550430	43.201	ng	97
62) 4-Nitroaniline	10.683	138	302956	40.296	ng	98
63) Azobenzene	10.813	77	1068659	38.098	ng	97
65) 4,6-Dinitro-2-methylph...	10.707	198	212159	49.837	ng	99
66) n-Nitrosodiphenylamine	10.778	169	998731	42.522	ng	99
67) 4-Bromophenyl-phenylether	11.148	248	354808	46.195	ng	98
68) Hexachlorobenzene	11.219	284	409629	49.898	ng	# 91
69) Atrazine	11.301	200	345352	51.120	ng	99
70) Pentachlorophenol	11.413	266	455327	80.723	ng	99
71) Phenanthrene	11.636	178	1649370	42.081	ng	99
72) Anthracene	11.689	178	1673402	41.952	ng	99
73) Carbazole	11.842	167	1479053	41.354	ng	99
74) Di-n-butylphthalate	12.160	149	1894533	44.805	ng	99
75) Fluoranthene	12.836	202	1620704	40.520	ng	98
77) Benzidine	12.948	184	480501	35.294	ng	99
78) Pyrene	13.066	202	1627254	51.954	ng	99
80) Butylbenzylphthalate	13.677	149	712503	51.489	ng	96
81) Benzo(a)anthracene	14.266	228	1226674	45.038	ng	99
82) 3,3'-Dichlorobenzidine	14.219	252	244768	28.216	ng	99
83) Chrysene	14.301	228	1113652	43.667	ng	99
84) Bis(2-ethylhexyl)phtha...	14.230	149	933937	49.932	ng	100
85) Di-n-octyl phthalate	14.866	149	1362541	44.662	ng	97
87) Indeno(1,2,3-cd)pyrene	17.501	276	1211084	51.716	ng	98
88) Benzo(b)fluoranthene	15.383	252	1068048	47.676	ng	98
89) Benzo(k)fluoranthene	15.413	252	1030202	48.177	ng	99
90) Benzo(a)pyrene	15.789	252	923681	44.278	ng	99
91) Dibenzo(a,h)anthracene	17.524	278	994308	52.810	ng	99
92) Benzo(g,h,i)perylene	18.006	276	1008066	51.826	ng	98

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

