

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132569.D
 Acq On : 28 Feb 2023 13:31
 Operator : CG\JU
 Sample : PB151052BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151052BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/01/2023
 Supervised By :Jagrut Upadhyay 03/01/2023

Quant Time: Feb 28 14:09:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	168336	20.000	ng	0.00
21) Naphthalene-d8	8.292	136	628433	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	356736	20.000	ng	0.00
64) Phenanthrene-d10	11.551	188	687678	20.000	ng	# 0.00
76) Chrysene-d12	14.210	240	461641	20.000	ng	0.00
86) Perylene-d12	15.757	264	357140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	1195520	115.263	ng	0.00
7) Phenol-d6	6.634	99	1534381	113.351	ng	0.00
23) Nitrobenzene-d5	7.569	82	1006662	75.999	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	477550	123.955	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	1668497	71.217	ng	0.00
79) Terphenyl-d14	13.139	244	2209107	80.908	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.963	88	180437	31.449	ng	99
3) Pyridine	3.710	79	399815	26.253	ng	99
4) n-Nitrosodimethylamine	3.675	42	226740	39.416	ng	95
6) Aniline	6.663	93	320327	17.584	ng	100
8) 2-Chlorophenol	6.792	128	461289	42.851	ng	96
10) Phenol	6.651	94	589382	37.977	ng	98
11) bis(2-Chloroethyl)ether	6.734	93	478518	39.941	ng	98
12) 1,3-Dichlorobenzene	6.945	146	483209	41.829	ng	99
13) 1,4-Dichlorobenzene	7.022	146	477992	41.438	ng	99
14) 1,2-Dichlorobenzene	7.175	146	461367	41.676	ng	99
15) Benzyl Alcohol	7.145	79	434811	41.708	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.275	45	604241	39.551	ng	99
17) 2-Methylphenol	7.257	107	384607	38.282	ng	98
18) Hexachloroethane	7.516	117	193153	42.861	ng	98
19) n-Nitroso-di-n-propyla...	7.416	70	318314	38.209	ng	98
20) 3+4-Methylphenols	7.404	107	458897	35.355	ng	# 82
22) Acetophenone	7.416	105	625365	39.464	ng	# 88
24) Nitrobenzene	7.592	77	544134	38.411	ng	97
25) Isophorone	7.828	82	959617	37.788	ng	99
26) 2-Nitrophenol	7.904	139	243371	38.937	ng	94
27) 2,4-Dimethylphenol	7.939	122	383092	38.834	ng	98
28) bis(2-Chloroethoxy)met...	8.034	93	563449	37.928	ng	99
29) 2,4-Dichlorophenol	8.145	162	392984	40.047	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	428103	40.177	ng	98
31) Naphthalene	8.316	128	1229084	38.204	ng	99
32) Benzoic acid	8.063	122	309770m	40.500	ng	
33) 4-Chloroaniline	8.357	127	147780	10.719	ng	97
34) Hexachlorobutadiene	8.422	225	288325	42.582	ng	98
35) Caprolactam	8.733	113	133359m	41.222	ng	
36) 4-Chloro-3-methylphenol	8.839	107	433251	40.202	ng	99
37) 2-Methylnaphthalene	9.004	142	823531	37.562	ng	100
38) 1-Methylnaphthalene	9.104	142	776233	37.884	ng	99
40) 1,2,4,5-Tetrachloroben...	9.175	216	447137	38.310	ng	99
41) Hexachlorocyclopentadiene	9.157	237	539471	85.217	ng	99
43) 2,4,6-Trichlorophenol	9.286	196	299102	37.814	ng	98
44) 2,4,5-Trichlorophenol	9.333	196	326250	35.340	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.469	154	1009148	37.375	ng	99
47) 2-Chloronaphthalene	9.498	162	824136	38.498	ng	100
48) 2-Nitroaniline	9.592	65	285952	36.268	ng	96
49) Acenaphthylene	9.916	152	1246444	36.584	ng	100
50) Dimethylphthalate	9.769	163	988061	38.039	ng	99
51) 2,6-Dinitrotoluene	9.833	165	224498	37.951	ng	95
52) Acenaphthene	10.086	154	920218m	42.535	ng	
53) 3-Nitroaniline	10.004	138	145443	21.979	ng	97
54) 2,4-Dinitrophenol	10.116	184	299161	80.247	ng	95
55) Dibenzofuran	10.263	168	1168829	37.059	ng	98
56) 4-Nitrophenol	10.169	139	356138	72.167	ng	88
57) 2,4-Dinitrotoluene	10.239	165	306917	38.999	ng	92
58) Fluorene	10.604	166	915966	37.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.380	232	270711	39.475	ng	98
60) Diethylphthalate	10.469	149	977655	38.538	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	472011	37.715	ng	99
62) 4-Nitroaniline	10.627	138	221440	34.091	ng	91
63) Azobenzene	10.757	77	999969	37.220	ng	98
65) 4,6-Dinitro-2-methylph...	10.651	198	190728	40.971	ng	96
66) n-Nitrosodiphenylamine	10.716	169	809711	37.768	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	304743	39.177	ng	97
68) Hexachlorobenzene	11.157	284	349966	42.757	ng	98
69) Atrazine	11.227	200	29052	4.341	ng	95
70) Pentachlorophenol	11.351	266	368991	75.771	ng	98
71) Phenanthrene	11.574	178	1366218	38.350	ng	99
72) Anthracene	11.627	178	1386234	37.787	ng	100
73) Carbazole	11.780	167	1275731	38.570	ng	100
74) Di-n-butylphthalate	12.098	149	1542812	39.765	ng	99
75) Fluoranthene	12.769	202	1524987	39.157	ng	99
77) Benzidine	12.886	184	124176	11.050	ng	98
78) Pyrene	13.004	202	1540374	36.701	ng	100
80) Butylbenzylphthalate	13.610	149	619827	37.423	ng	99
81) Benzo(a)anthracene	14.198	228	1269703	36.759	ng	98
82) 3,3'-Dichlorobenzidine	14.157	252	287458	28.228	ng	# 99
83) Chrysene	14.233	228	1166053	36.101	ng	99
84) Bis(2-ethylhexyl)phtha...	14.168	149	773824	38.032	ng	100
85) Di-n-octyl phthalate	14.792	149	1112052	37.402	ng	100
87) Indeno(1,2,3-cd)pyrene	17.362	276	1036060	44.273	ng	98
88) Benzo(b)fluoranthene	15.292	252	1058971	44.246	ng	99
89) Benzo(k)fluoranthene	15.327	252	1015470	43.352	ng	99
90) Benzo(a)pyrene	15.692	252	893000	39.866	ng	99
91) Dibenzo(a,h)anthracene	17.380	278	883106	46.317	ng	97
92) Benzo(g,h,i)perylene	17.856	276	883077	41.219	ng	98

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

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