

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132801.D
 Acq On : 15 Mar 2023 14:00
 Operator : CG\JU
 Sample : PB151406BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151406BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2023
 Supervised By : Jagrut Upadhyay 03/16/2023

Quant Time: Mar 15 14:19:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	232265	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	882706	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	480090	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	926373	20.000	ng	0.00
76) Chrysene-d12	14.163	240	493364	20.000	ng	0.00
86) Perylene-d12	15.692	264	479102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1358574	94.931	ng	0.02
7) Phenol-d6	6.604	99	1731966	92.731	ng	0.00
23) Nitrobenzene-d5	7.534	82	1113740	59.862	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	484701	93.486	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1863742	59.111	ng	0.00
79) Terphenyl-d14	13.092	244	2093929	71.758	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.916	88	300815	38.000	ng	95
3) Pyridine	3.669	79	702254	33.420	ng	95
4) n-Nitrosodimethylamine	3.640	42	291187	36.686	ng	83
6) Aniline	6.634	93	846575	33.681	ng	96
8) 2-Chlorophenol	6.757	128	660428	44.464	ng	98
9) Benzaldehyde	6.522	77	370768	36.789	ng	97
10) Phenol	6.622	94	838704	39.168	ng	97
11) bis(2-Chloroethyl)ether	6.704	93	674693	40.815	ng	94
12) 1,3-Dichlorobenzene	6.910	146	704538	44.201	ng	97
13) 1,4-Dichlorobenzene	6.987	146	707660	44.463	ng	98
14) 1,2-Dichlorobenzene	7.140	146	636955	41.701	ng	98
15) Benzyl Alcohol	7.110	79	578767	40.236	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.239	45	797654	37.840	ng	94
17) 2-Methylphenol	7.222	107	523671	37.777	ng	99
18) Hexachloroethane	7.475	117	258273	41.537	ng	98
19) n-Nitroso-di-n-propyla...	7.381	70	421002	36.626	ng	93
20) 3+4-Methylphenols	7.375	107	596355	33.299	ng	94
22) Acetophenone	7.381	105	819209	36.805	ng	# 90
24) Nitrobenzene	7.557	77	773216	38.859	ng	99
25) Isophorone	7.792	82	1394691	39.100	ng	100
26) 2-Nitrophenol	7.869	139	357259	40.693	ng	98
27) 2,4-Dimethylphenol	7.904	122	593960	42.866	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	882449	42.290	ng	99
29) 2,4-Dichlorophenol	8.116	162	586994	42.587	ng	98
30) 1,2,4-Trichlorobenzene	8.192	180	636053	42.497	ng	97
31) Naphthalene	8.275	128	1800724	39.849	ng	99
32) Benzoic acid	8.045	122	408415m	38.251	ng	
33) 4-Chloroaniline	8.322	127	383527	19.806	ng	94
34) Hexachlorobutadiene	8.381	225	400501	42.110	ng	99
35) Caprolactam	8.716	113	210256m	46.270	ng	
36) 4-Chloro-3-methylphenol	8.810	107	644539	42.580	ng	94
37) 2-Methylnaphthalene	8.969	142	1201181	39.005	ng	100
38) 1-Methylnaphthalene	9.069	142	1112219	38.646	ng	99
40) 1,2,4,5-Tetrachloroben...	9.133	216	618332	39.366	ng	99
41) Hexachlorocyclopentadiene	9.116	237	661658	77.663	ng	98
43) 2,4,6-Trichlorophenol	9.245	196	418054	39.273	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	447328	36.005	ng	97
46) 1,1'-Biphenyl	9.433	154	1452929	39.985	ng	97
47) 2-Chloronaphthalene	9.457	162	1168872	40.572	ng	100
48) 2-Nitroaniline	9.557	65	384929	36.277	ng	94
49) Acenaphthylene	9.875	152	1716816	37.443	ng	100
50) Dimethylphthalate	9.733	163	1446026	41.366	ng	100
51) 2,6-Dinitrotoluene	9.798	165	330792	41.552	ng	95
52) Acenaphthene	10.051	154	1236337m	42.464	ng	
53) 3-Nitroaniline	9.969	138	246894	27.724	ng	99
54) 2,4-Dinitrophenol	10.086	184	327192	65.561	ng	# 88
55) Dibenzofuran	10.222	168	1581313	37.255	ng	99
56) 4-Nitrophenol	10.139	139	428099	64.460	ng	97
57) 2,4-Dinitrotoluene	10.210	165	399792	37.748	ng	97
58) Fluorene	10.563	166	1210655	37.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	368097	39.885	ng	98
60) Diethylphthalate	10.428	149	1347189	39.460	ng	99
61) 4-Chlorophenyl-phenylether	10.551	204	642293	38.135	ng	96
62) 4-Nitroaniline	10.592	138	325649	37.253	ng	95
63) Azobenzene	10.716	77	1376090	38.059	ng	97
65) 4,6-Dinitro-2-methylph...	10.622	198	246173	39.255	ng	92
66) n-Nitrosodiphenylamine	10.675	169	1140698	39.497	ng	100
67) 4-Bromophenyl-phenylether	11.045	248	436060	41.614	ng	95
68) Hexachlorobenzene	11.116	284	489805	44.422	ng	99
69) Atrazine	11.198	200	408596	45.318	ng	98
70) Pentachlorophenol	11.316	266	423034m	64.486	ng	
71) Phenanthrene	11.533	178	1879369	39.161	ng	99
72) Anthracene	11.586	178	1920630	38.864	ng	99
73) Carbazole	11.739	167	1736008	38.962	ng	100
74) Di-n-butylphthalate	12.057	149	2095350	40.090	ng	99
75) Fluoranthene	12.727	202	1978750	37.717	ng	98
77) Benzidine	12.845	184	725997	60.450	ng	100
78) Pyrene	12.957	202	1991412	44.396	ng	100
80) Butylbenzylphthalate	13.563	149	780505	44.094	ng	97
81) Benzo(a)anthracene	14.151	228	1523898	41.282	ng	98
82) 3,3'-Dichlorobenzidine	14.104	252	326817	30.030	ng	100
83) Chrysene	14.186	228	1394153	40.387	ng	100
84) Bis(2-ethylhexyl)phtha...	14.116	149	939896	43.224	ng	100
85) Di-n-octyl phthalate	14.733	149	1435252	45.168	ng	97
87) Indeno(1,2,3-cd)pyrene	17.280	276	1459615	46.495	ng	100
88) Benzo(b)fluoranthene	15.233	252	1347481	41.968	ng	98
89) Benzo(k)fluoranthene	15.268	252	1247125	39.688	ng	99
90) Benzo(a)pyrene	15.627	252	1170317	38.946	ng	99
91) Dibenzo(a,h)anthracene	17.292	278	1195750	46.749	ng	98
92) Benzo(g,h,i)perylene	17.756	276	1250675	43.426	ng	99

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

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