

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
 Data File : BF133351.D
 Acq On : 11 May 2023 12:48
 Operator : CG\JU
 Sample : PB152690BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152690BS

Quant Time: May 11 13:43:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/12/2023
 Supervised By : Jagrut Upadhyay 05/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	220994	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	876527	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	449858	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	796804	20.000	ng	0.00
76) Chrysene-d12	13.880	240	511835	20.000	ng	0.00
86) Perylene-d12	15.292	264	429350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1448373	99.004	ng	0.02
7) Phenol-d6	6.375	99	1733833	95.485	ng	0.00
23) Nitrobenzene-d5	7.292	82	1077116	66.329	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	424631	93.858	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1822894	67.793	ng	0.00
79) Terphenyl-d14	12.827	244	1919154	64.667	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	266999	39.347	ng	97
3) Pyridine	3.169	79	636305	35.306	ng	98
4) n-Nitrosodimethylamine	3.128	42	357729	38.321	ng	97
6) Aniline	6.386	93	785858	33.602	ng	# 25
8) 2-Chlorophenol	6.510	128	636532	42.854	ng	98
9) Benzaldehyde	6.269	77	361668	45.129	ng	96
10) Phenol	6.386	94	773078	38.592	ng	75
11) bis(2-Chloroethyl)ether	6.463	93	605438	40.276	ng	98
12) 1,3-Dichlorobenzene	6.663	146	684822	43.365	ng	98
13) 1,4-Dichlorobenzene	6.739	146	696313	43.995	ng	98
14) 1,2-Dichlorobenzene	6.892	146	650993	44.614	ng	98
15) Benzyl Alcohol	6.875	79	491619	39.195	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	984547	37.709	ng	91
17) 2-Methylphenol	6.992	107	533731	39.241	ng	97
18) Hexachloroethane	7.233	117	244457	44.426	ng	98
19) n-Nitroso-di-n-propyla...	7.145	70	411923	36.439	ng	94
20) 3+4-Methylphenols	7.145	107	642617	40.119	ng	# 73
22) Acetophenone	7.133	105	881380	43.408	ng	# 93
24) Nitrobenzene	7.310	77	671948	40.835	ng	99
25) Isophorone	7.551	82	1234788	40.049	ng	99
26) 2-Nitrophenol	7.628	139	365873	46.098	ng	91
27) 2,4-Dimethylphenol	7.675	122	586990	43.131	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	741265	40.640	ng	99
29) 2,4-Dichlorophenol	7.875	162	533881	43.092	ng	96
30) 1,2,4-Trichlorobenzene	7.951	180	561426	43.741	ng	99
31) Naphthalene	8.028	128	1810453	41.312	ng	99
32) Benzoic acid	7.810	122	312687m	37.196	ng	
33) 4-Chloroaniline	8.080	127	509781	28.791	ng	99
34) Hexachlorobutadiene	8.145	225	303865	42.714	ng	99
35) Caprolactam	8.457	113	189723m	45.584	ng	
36) 4-Chloro-3-methylphenol	8.569	107	567082	42.445	ng	98
37) 2-Methylnaphthalene	8.722	142	1182984	39.484	ng	98
38) 1-Methylnaphthalene	8.822	142	1113839	39.740	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	493295	40.784	ng	99
41) Hexachlorocyclopentadiene	8.875	237	584862	82.911	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	342083	40.895	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	372005	38.454	ng	99
46) 1,1'-Biphenyl	9.186	154	1457305	40.853	ng	99
47) 2-Chloronaphthalene	9.210	162	1105322	42.334	ng	100
48) 2-Nitroaniline	9.310	65	357879	41.474	ng	98
49) Acenaphthylene	9.622	152	1689621	40.500	ng	100
50) Dimethylphthalate	9.492	163	1271849	40.546	ng	99
51) 2,6-Dinitrotoluene	9.551	165	293818	41.617	ng	90
52) Acenaphthene	9.798	154	1224631m	43.829	ng	
53) 3-Nitroaniline	9.716	138	273144	32.538	ng	98
54) 2,4-Dinitrophenol	9.827	184	308329	86.884	ng	97
55) Dibenzofuran	9.969	168	1492541	39.159	ng	99
56) 4-Nitrophenol	9.892	139	489793	75.333	ng	93
57) 2,4-Dinitrotoluene	9.957	165	387044	42.988	ng	89
58) Fluorene	10.310	166	1127053	40.361	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	305799	40.773	ng	99
60) Diethylphthalate	10.186	149	1172625	39.577	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	527348	38.753	ng	94
62) 4-Nitroaniline	10.333	138	331682	42.989	ng	99
63) Azobenzene	10.463	77	1207386	38.468	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	218001	45.138	ng	78
66) n-Nitrosodiphenylamine	10.421	169	1013299	39.205	ng	100
67) 4-Bromophenyl-phenylether	10.786	248	340011	39.345	ng	93
68) Hexachlorobenzene	10.857	284	367472	41.498	ng	96
69) Atrazine	10.951	200	343818	46.166	ng	99
70) Pentachlorophenol	11.057	266	429362	68.082	ng	98
71) Phenanthrene	11.268	178	1688887	39.436	ng	100
72) Anthracene	11.321	178	1734788	39.582	ng	99
73) Carbazole	11.474	167	1620804	41.532	ng	99
74) Di-n-butylphthalate	11.810	149	1775827	40.210	ng	99
75) Fluoranthene	12.451	202	1705099	39.671	ng	99
77) Benzidine	12.574	184	974561	112.596	ng	# 94
78) Pyrene	12.680	202	1764114	40.207	ng	99
80) Butylbenzylphthalate	13.304	149	747853	48.139	ng	97
81) Benzo(a)anthracene	13.868	228	1353151	38.445	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	378492	38.926	ng	100
83) Chrysene	13.909	228	1360770	38.671	ng	100
84) Bis(2-ethylhexyl)phtha...	13.862	149	866317	44.427	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1453631	45.718	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1182058	48.401	ng	98
88) Benzo(b)fluoranthene	14.892	252	1143187	41.852	ng	99
89) Benzo(k)fluoranthene	14.921	252	1153426	42.598	ng	99
90) Benzo(a)pyrene	15.239	252	982823	39.531	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	974285	47.831	ng	98
92) Benzo(g,h,i)perylene	17.098	276	987193	49.090	ng	96

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

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