

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134606.D
 Acq On : 03 Aug 2023 12:31
 Operator : CG\JU
 Sample : 03686-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719MSD

Quant Time: Aug 04 01:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	170727	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	656401	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	278878	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	440725	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	270106	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	229204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	758252	67.512	ng	0.01
7) Phenol-d6	6.428	99	973668	67.818	ng	0.00
23) Nitrobenzene-d5	7.357	82	564447	53.738	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	191236	67.268	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	973067	58.015	ng	0.00
79) Terphenyl-d14	12.910	244	913250	59.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	205870	39.840	ng	95
3) Pyridine	3.346	79	520338	37.160	ng	91
4) n-Nitrosodimethylamine	3.310	42	292501	43.718	ng	# 66
6) Aniline	6.463	93	651279	34.585	ng	90
8) 2-Chlorophenol	6.581	128	549806	48.528	ng	95
9) Benzaldehyde	6.351	77	306885	47.972	ng	95
10) Phenol	6.445	94	679247m	48.009	ng	
11) bis(2-Chloroethyl)ether	6.540	93	521180	46.371	ng	92
12) 1,3-Dichlorobenzene	6.739	146	564955m	48.196	ng	
13) 1,4-Dichlorobenzene	6.816	146	567537	48.309	ng	97
14) 1,2-Dichlorobenzene	6.963	146	542166	49.530	ng	96
15) Benzyl Alcohol	6.939	79	461906	46.636	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.075	45	815079	46.290	ng	89
17) 2-Methylphenol	7.051	107	431402	43.090	ng	92
18) Hexachloroethane	7.304	117	189523	45.965	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	357651	41.607	ng	94
20) 3+4-Methylphenols	7.204	107	502665	41.632	ng	# 87
22) Acetophenone	7.204	105	673528	44.447	ng	# 93
24) Nitrobenzene	7.375	77	557019	49.087	ng	97
25) Isophorone	7.616	82	1002367	43.753	ng	99
26) 2-Nitrophenol	7.692	139	247238	50.882	ng	# 88
27) 2,4-Dimethylphenol	7.734	122	469640	45.944	ng	84
28) bis(2-Chloroethoxy)met...	7.828	93	622273	45.407	ng	99
29) 2,4-Dichlorophenol	7.934	162	416035	44.843	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	458739	46.368	ng	97
31) Naphthalene	8.098	128	1433202	43.444	ng	99
32) Benzoic acid	7.839	122	280938	43.094	ng	93
33) 4-Chloroaniline	8.145	127	333115	22.662	ng	97
34) Hexachlorobutadiene	8.216	225	263858	46.237	ng	95
35) Caprolactam	8.516	113	132189	44.163	ng	89
36) 4-Chloro-3-methylphenol	8.628	107	411365	41.868	ng	92
37) 2-Methylnaphthalene	8.786	142	888476	40.631	ng	100
38) 1-Methylnaphthalene	8.886	142	825604	40.603	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	412259	50.836	ng	99
41) Hexachlorocyclopentadiene	8.939	237	200385	50.813	ng	95
43) 2,4,6-Trichlorophenol	9.063	196	265715	50.065	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	268630	44.286	ng	90
46) 1,1'-Biphenyl	9.251	154	1069144	49.300	ng	97
47) 2-Chloronaphthalene	9.275	162	761498	46.863	ng	98
48) 2-Nitroaniline	9.375	65	249710	49.206	ng	88
49) Acenaphthylene	9.692	152	1150512	45.043	ng	99
50) Dimethylphthalate	9.557	163	939499	49.428	ng	98
51) 2,6-Dinitrotoluene	9.616	165	194608	49.868	ng	85
52) Acenaphthene	9.863	154	744509	44.978	ng	99
53) 3-Nitroaniline	9.780	138	189407	44.707	ng	92
54) 2,4-Dinitrophenol	9.886	184	55389	45.358	ng	87
55) Dibenzofuran	10.033	168	1011914	42.943	ng	96
56) 4-Nitrophenol	9.945	139	323980	93.501	ng	# 69
57) 2,4-Dinitrotoluene	10.016	165	230056	48.854	ng	# 91
58) Fluorene	10.380	166	714714	41.641	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.151	232	215053	44.812	ng	96
60) Diethylphthalate	10.257	149	841533	46.709	ng	97
61) 4-Chlorophenyl-phenyle...	10.375	204	371612	44.049	ng	93
62) 4-Nitroaniline	10.392	138	174267	41.967	ng	86
63) Azobenzene	10.533	77	789210	40.771	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	45520	29.622	ng	84
66) n-Nitrosodiphenylamine	10.492	169	681176	48.559	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	230402	47.756	ng	99
68) Hexachlorobenzene	10.922	284	252772	49.615	ng	100
69) Atrazine	11.022	200	224881	59.477	ng	98
70) Pentachlorophenol	11.122	266	274988	87.175	ng	97
71) Phenanthrene	11.339	178	1054149	45.031	ng	100
72) Anthracene	11.392	178	1079355	45.139	ng	98
73) Carbazole	11.551	167	970403	45.452	ng	99
74) Di-n-butylphthalate	11.892	149	1101809	48.576	ng	100
75) Fluoranthene	12.533	202	1106979	44.767	ng	98
77) Benzidine	12.657	184	641402	109.390	ng	98
78) Pyrene	12.763	202	1134789	48.552	ng	97
80) Butylbenzylphthalate	13.392	149	441503	55.863	ng	# 93
81) Benzo(a)anthracene	13.951	228	868589	44.972	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	337375	60.263	ng	99
83) Chrysene	13.986	228	827725	43.989	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	560426	60.256	ng	100
85) Di-n-octyl phthalate	14.574	149	965638	68.274	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	638928	47.398	ng	# 93
88) Benzo(b)fluoranthene	14.998	252	674506	48.252	ng	# 98
89) Benzo(k)fluoranthene	15.027	252	676487m	48.580	ng	
90) Benzo(a)pyrene	15.362	252	572873	43.953	ng	# 97
91) Dibenzo(a,h)anthracene	16.921	278	530721	48.717	ng	# 96
92) Benzo(g,h,i)perylene	17.345	276	492575	44.326	ng	# 95

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

