

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
 Data File : BF131673.D
 Acq On : 16 Dec 2022 18:44
 Operator : CG\JU
 Sample : N6037-10MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-22-(8-10)MS

Quant Time: Dec 17 03:57:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58724	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	201539	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	112490	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	218304	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	146179	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	133298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	445900	126.675	ng	0.00
7) Phenol-d6	6.516	99	577283	125.150	ng	0.00
23) Nitrobenzene-d5	7.451	82	395677	74.225	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	153041	122.453	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	640359	71.776	ng	0.00
79) Terphenyl-d14	13.022	244	755795	70.906	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	81561	51.333	ng	97
3) Pyridine	3.428	79	217460	49.297	ng	94
4) n-Nitrosodimethylamine	3.399	42	106513	43.782	ng	# 85
6) Aniline	6.545	93	183913	33.338	ng	98
8) 2-Chlorophenol	6.663	128	182914	49.035	ng	97
9) Benzaldehyde	6.434	77	161948	51.250	ng	98
10) Phenol	6.528	94	259891m	50.511	ng	
11) bis(2-Chloroethyl)ether	6.616	93	191645	49.689	ng	98
12) 1,3-Dichlorobenzene	6.822	146	206734	47.801	ng	96
13) 1,4-Dichlorobenzene	6.898	146	208949	47.898	ng	99
14) 1,2-Dichlorobenzene	7.051	146	197681	47.437	ng	97
15) Benzyl Alcohol	7.028	79	197444	46.690	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	238725	47.917	ng	99
17) 2-Methylphenol	7.140	107	162686	48.391	ng	95
18) Hexachloroethane	7.392	117	82929	47.125	ng	90
19) n-Nitroso-di-n-propyla...	7.292	70	154765	44.745	ng	95
20) 3+4-Methylphenols	7.292	107	206619	45.122	ng	# 74
22) Acetophenone	7.292	105	290859	46.053	ng	96
24) Nitrobenzene	7.469	77	244456	45.467	ng	95
25) Isophorone	7.704	82	415976	48.445	ng	99
26) 2-Nitrophenol	7.787	139	97375	53.109	ng	# 87
27) 2,4-Dimethylphenol	7.822	122	159261	56.671	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	230879	51.978	ng	99
29) 2,4-Dichlorophenol	8.028	162	158511	45.617	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	192561	45.188	ng	99
31) Naphthalene	8.192	128	519202	45.739	ng	100
32) Benzoic acid	7.939	122	87907	43.192	ng	97
33) 4-Chloroaniline	8.239	127	53705	12.622	ng	96
34) Hexachlorobutadiene	8.304	225	127403	42.422	ng	98
35) Caprolactam	8.610	113	46123m	51.312	ng	
36) 4-Chloro-3-methylphenol	8.728	107	182631	46.805	ng	98
37) 2-Methylnaphthalene	8.886	142	343962	44.308	ng	97
38) 1-Methylnaphthalene	8.986	142	314840	42.248	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	198976	47.783	ng	98
41) Hexachlorocyclopentadiene	9.034	237	220338	104.248	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	120878	46.931	ng	97

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44) 2,4,5-Trichlorophenol	9.204	196	125392	45.269	ng	93
46) 1,1'-Biphenyl	9.351	154	430753	48.431	ng	99
47) 2-Chloronaphthalene	9.381	162	347240	47.919	ng	99
48) 2-Nitroaniline	9.481	65	118988	46.354	ng	# 84
49) Acenaphthylene	9.798	152	519984	48.871	ng	99
50) Dimethylphthalate	9.657	163	398019	46.415	ng	99
51) 2,6-Dinitrotoluene	9.722	165	87710	49.544	ng	# 82
52) Acenaphthene	9.969	154	366576m	51.429	ng	
53) 3-Nitroaniline	9.892	138	40205	23.670	ng	96
54) 2,4-Dinitrophenol	9.998	184	89607	87.989	ng	93
55) Dibenzofuran	10.145	168	468078	46.477	ng	96
56) 4-Nitrophenol	10.063	139	131230	111.214	ng	# 72
57) 2,4-Dinitrotoluene	10.128	165	120007	51.102	ng	93
58) Fluorene	10.486	166	372206	45.461	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	104740m	44.654	ng	
60) Diethylphthalate	10.357	149	378000	45.934	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	201880	44.619	ng	93
62) 4-Nitroaniline	10.510	138	84205	50.027	ng	92
63) Azobenzene	10.639	77	431221	45.944	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	66768	48.289	ng	97
66) n-Nitrosodiphenylamine	10.598	169	318748	45.164	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	120195	42.800	ng	96
68) Hexachlorobenzene	11.033	284	133537	43.961	ng	93
69) Atrazine	11.128	200	122321	54.579	ng	98
70) Pentachlorophenol	11.233	266	135977	86.952	ng	99
71) Phenanthrene	11.457	178	558850	45.928	ng	100
72) Anthracene	11.510	178	574997	48.571	ng	100
73) Carbazole	11.663	167	500779	51.824	ng	100
74) Di-n-butylphthalate	11.992	149	588739	49.663	ng	99
75) Fluoranthene	12.651	202	633557	50.564	ng	99
77) Benzidine	12.774	184	273278	69.773	ng	99
78) Pyrene	12.880	202	655958	45.508	ng	98
80) Butylbenzylphthalate	13.498	149	252069	60.429	ng	98
81) Benzo(a)anthracene	14.074	228	514043	48.695	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	59855	19.929	ng	# 98
83) Chrysene	14.110	228	477768	47.605	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	347850	60.377	ng	98
85) Di-n-octyl phthalate	14.674	149	503731	53.434	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	502146	46.159	ng	98
88) Benzo(b)fluoranthene	15.145	252	424219	48.287	ng	98
89) Benzo(k)fluoranthene	15.174	252	423038	46.133	ng	98
90) Benzo(a)pyrene	15.521	252	374144	49.902	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	419613	46.867	ng	99
92) Benzo(g,h,i)perylene	17.574	276	409148	45.470	ng	98

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

