

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133276.D
 Acq On : 05 May 2023 21:51
 Operator : CG\JU
 Sample : 02624-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WZ-3MS

Quant Time: May 06 05:52:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

05/08/2023
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	195000	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	797596	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	411330	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	714210	20.000	ng	0.00
76) Chrysene-d12	13.880	240	406706	20.000	ng	0.00
86) Perylene-d12	15.292	264	386769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1240292	96.082	ng	0.02
7) Phenol-d6	6.375	99	1533134	95.687	ng	0.00
23) Nitrobenzene-d5	7.292	82	942460	63.780	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	374508	90.533	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1554369	63.221	ng	0.00
79) Terphenyl-d14	12.827	244	1636290	69.388	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	265922	44.413	ng	98
3) Pyridine	3.181	79	672338	42.278	ng	97
4) n-Nitrosodimethylamine	3.146	42	378372	45.935	ng	98
6) Aniline	6.387	93	641498	31.086	ng	# 14
8) 2-Chlorophenol	6.516	128	655866	50.041	ng	93
9) Benzaldehyde	6.269	77	358932	55.156	ng	96
10) Phenol	6.387	94	781367	44.206	ng	74
11) bis(2-Chloroethyl)ether	6.463	93	605860	45.677	ng	99
12) 1,3-Dichlorobenzene	6.669	146	677818	48.643	ng	98
13) 1,4-Dichlorobenzene	6.745	146	675442	48.365	ng	97
14) 1,2-Dichlorobenzene	6.898	146	652732	50.696	ng	98
15) Benzyl Alcohol	6.875	79	542412	49.009	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	973567	42.259	ng	95
17) 2-Methylphenol	6.992	107	523874	43.651	ng	98
18) Hexachloroethane	7.239	117	235162	48.433	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	417735	41.879	ng	96
20) 3+4-Methylphenols	7.151	107	628594	44.475	ng	# 66
22) Acetophenone	7.140	105	862247	46.668	ng	# 94
24) Nitrobenzene	7.316	77	659673	44.056	ng	99
25) Isophorone	7.557	82	1228420	43.785	ng	100
26) 2-Nitrophenol	7.628	139	366308	50.720	ng	98
27) 2,4-Dimethylphenol	7.675	122	581713	46.973	ng	100
28) bis(2-Chloroethoxy)met...	7.769	93	733452	44.191	ng	99
29) 2,4-Dichlorophenol	7.875	162	528353	46.866	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	543774	46.558	ng	99
31) Naphthalene	8.034	128	1790851	44.909	ng	99
32) Benzoic acid	7.816	122	378552m	49.487	ng	
33) 4-Chloroaniline	8.081	127	191403	11.880	ng	98
34) Hexachlorobutadiene	8.151	225	297536	45.963	ng	98
35) Caprolactam	8.469	113	192710m	50.884	ng	
36) 4-Chloro-3-methylphenol	8.581	107	574766	47.277	ng	95
37) 2-Methylnaphthalene	8.728	142	1180141	43.287	ng	98
38) 1-Methylnaphthalene	8.822	142	1117767	43.827	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	481499	43.537	ng	98
41) Hexachlorocyclopentadiene	8.881	237	525719	81.508	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	352515	46.090	ng	100

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44) 2,4,5-Trichlorophenol	9.051	196	380958	43.067	ng	97
46) 1,1'-Biphenyl	9.192	154	1441231	44.187	ng	98
47) 2-Chloronaphthalene	9.216	162	1109323	46.467	ng	98
48) 2-Nitroaniline	9.310	65	357052	45.254	ng	94
49) Acenaphthylene	9.628	152	1685497	44.186	ng	99
50) Dimethylphthalate	9.498	163	1299050	45.293	ng	99
51) 2,6-Dinitrotoluene	9.551	165	300324	46.523	ng	99
52) Acenaphthene	9.798	154	1244347m	48.706	ng	
53) 3-Nitroaniline	9.722	138	217632	28.354	ng	98
54) 2,4-Dinitrophenol	9.833	184	317558	97.867	ng	96
55) Dibenzofuran	9.975	168	1516411	43.512	ng	99
56) 4-Nitrophenol	9.898	139	511064	85.967	ng	89
57) 2,4-Dinitrotoluene	9.957	165	395349	48.023	ng	97
58) Fluorene	10.316	166	1096185	42.933	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	309377	45.114	ng	99
60) Diethylphthalate	10.192	149	1226956	45.290	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	524594	42.161	ng	95
62) 4-Nitroaniline	10.339	138	337245	47.805	ng	99
63) Azobenzene	10.463	77	1384311	48.236	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	224664	51.898	ng	92
66) n-Nitrosodiphenylamine	10.428	169	1029860	44.453	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	341439	44.079	ng	94
68) Hexachlorobenzene	10.863	284	366411	46.163	ng	99
69) Atrazine	10.957	200	354750	53.142	ng	99
70) Pentachlorophenol	11.057	266	424705	75.131	ng	99
71) Phenanthrene	11.275	178	1768347	46.067	ng	99
72) Anthracene	11.322	178	1771803	45.102	ng	99
73) Carbazole	11.480	167	1584879	45.308	ng	99
74) Di-n-butylphthalate	11.810	149	1903666	48.090	ng	100
75) Fluoranthene	12.457	202	1802022	46.775	ng	98
77) Benzidine	12.580	184	789598	114.807	ng	# 93
78) Pyrene	12.686	202	1812265	51.981	ng	99
80) Butylbenzylphthalate	13.304	149	763753	61.870	ng	93
81) Benzo(a)anthracene	13.868	228	1258199	44.987	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	301703	39.050	ng	99
83) Chrysene	13.910	228	1271268	45.466	ng	98
84) Bis(2-ethylhexyl)phtha...	13.868	149	873010	56.343	ng	100
85) Di-n-octyl phthalate	14.480	149	1556482	61.607	ng	97
87) Indeno(1,2,3-cd)pyrene	16.674	276	1278703	58.122	ng	98
88) Benzo(b)fluoranthene	14.892	252	1154357	46.914	ng	99
89) Benzo(k)fluoranthene	14.921	252	1142497	46.840	ng	99
90) Benzo(a)pyrene	15.239	252	1017365	45.425	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	1038567	56.600	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1058298	58.420	ng	97

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

