

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135588.D
 Acq On : 05 Oct 2023 00:59
 Operator : CG\JU
 Sample : 04651-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMS

Quant Time: Oct 05 06:48:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :mohammad ahmed 10/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	145022	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	587784	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	292554	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	537637	20.000	ng	0.00
76) Chrysene-d12	13.927	240	254869	20.000	ng	0.00
86) Perylene-d12	15.386	264	209585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1149145	128.879	ng	0.02
7) Phenol-d6	6.398	99	1341121	118.287	ng	0.01
23) Nitrobenzene-d5	7.310	82	936546	86.566	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	346360	119.135	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1572993	81.120	ng	0.00
79) Terphenyl-d14	12.863	244	1461922	88.919	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	176987	45.279	ng	# 80
3) Pyridine	3.352	79	236442	22.475	ng	94
4) n-Nitrosodimethylamine	3.281	42	275100	49.278	ng	98
6) Aniline	6.416	93	131971	8.876	ng	# 1
8) 2-Chlorophenol	6.534	128	465805	48.937	ng	96
9) Benzaldehyde	6.304	77	76837	11.896	ng	97
10) Phenol	6.410	94	510266	41.043	ng	88
11) bis(2-Chloroethyl)ether	6.481	93	468298	50.216	ng	99
12) 1,3-Dichlorobenzene	6.681	146	438989	45.381	ng	98
13) 1,4-Dichlorobenzene	6.757	146	453057	46.034	ng	99
14) 1,2-Dichlorobenzene	6.904	146	419373	45.885	ng	98
15) Benzyl Alcohol	6.893	79	285495	35.091	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	807694	45.949	ng	58
17) 2-Methylphenol	7.010	107	355182	42.286	ng	# 90
18) Hexachloroethane	7.240	117	169472	46.604	ng	89
19) n-Nitroso-di-n-propyla...	7.157	70	308960	43.995	ng	93
20) 3+4-Methylphenols	7.163	107	460903	45.633	ng	# 77
22) Acetophenone	7.151	105	605822	45.082	ng	91
24) Nitrobenzene	7.328	77	486194	45.467	ng	100
25) Isophorone	7.563	82	931188	46.873	ng	98
26) 2-Nitrophenol	7.640	139	250076	48.726	ng	98
27) 2,4-Dimethylphenol	7.687	122	372841	43.220	ng	97
28) bis(2-Chloroethoxy)met...	7.775	93	544809	45.818	ng	99
29) 2,4-Dichlorophenol	7.892	162	383814	48.015	ng	97
30) 1,2,4-Trichlorobenzene	7.957	180	377888	45.228	ng	100
31) Naphthalene	8.040	128	1282245	44.899	ng	100
32) Benzoic acid	7.840	122	306512	47.185	ng	98
34) Hexachlorobutadiene	8.151	225	212494	42.178	ng	99
35) Caprolactam	8.481	113	123715m	46.114	ng	
36) 4-Chloro-3-methylphenol	8.598	107	417957	47.045	ng	97
37) 2-Methylnaphthalene	8.734	142	810004	42.194	ng	99
38) 1-Methylnaphthalene	8.828	142	784553	43.652	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	386116	45.556	ng	99
41) Hexachlorocyclopentadiene	8.881	237	215261	59.704	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	256664	46.252	ng	98
44) 2,4,5-Trichlorophenol	9.069	196	279840	43.789	ng	97

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46) 1,1'-Biphenyl	9.198	154	1037501	46.147	ng	98
47) 2-Chloronaphthalene	9.222	162	781488	47.908	ng	99
48) 2-Nitroaniline	9.334	65	300853	47.474	ng	99
49) Acenaphthylene	9.639	152	1223424	45.129	ng	100
50) Dimethylphthalate	9.504	163	959286	48.499	ng	99
51) 2,6-Dinitrotoluene	9.575	165	213069	49.173	ng	97
52) Acenaphthene	9.810	154	747333	46.665	ng	96
53) 3-Nitroaniline	9.745	138	41777	8.214	ng	100
54) 2,4-Dinitrophenol	9.869	184	238498	95.632	ng	94
55) Dibenzofuran	9.981	168	1060540	43.396	ng	98
56) 4-Nitrophenol	9.934	139	219107	67.780	ng	96
57) 2,4-Dinitrotoluene	9.986	165	250629	46.202	ng	85
58) Fluorene	10.328	166	865731	46.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	230842	46.958	ng	99
60) Diethylphthalate	10.204	149	966852	48.706	ng	98
61) 4-Chlorophenyl-phenyle...	10.316	204	396344	43.917	ng	98
62) 4-Nitroaniline	10.363	138	108190	22.129	ng	97
63) Azobenzene	10.481	77	885906	45.600	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	152655	53.459	ng	94
66) n-Nitrosodiphenylamine	10.439	169	454654	27.933	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	253213	47.354	ng	96
68) Hexachlorobenzene	10.875	284	271685	49.873	ng	# 89
69) Atrazine	10.975	200	11475	2.620	ng	97
70) Pentachlorophenol	11.081	266	259031	79.475	ng	98
71) Phenanthrene	11.292	178	1236847	48.641	ng	98
72) Anthracene	11.345	178	1249492	47.805	ng	100
73) Carbazole	11.504	167	541170	22.745	ng	99
74) Di-n-butylphthalate	11.833	149	1485208	52.974	ng	99
75) Fluoranthene	12.486	202	1262663	47.655	ng	97
77) Benzidine	12.639	184	15811m	3.028	ng	
80) Pyrene	12.716	202	1267269	52.225	ng	99
80) Butylbenzylphthalate	13.339	149	519971	60.862	ng	96
81) Benzo(a)anthracene	13.916	228	843687	51.264	ng	98
82) 3,3'-Dichlorobenzidine	13.880	252	11468	2.231	ng	# 92
83) Chrysene	13.951	228	821591	50.211	ng	99
84) Bis(2-ethylhexyl)phtha...	13.898	149	608725	69.433	ng	# 99
85) Di-n-octyl phthalate	14.516	149	935215	67.124	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	933301	67.917	ng	96
88) Benzo(b)fluoranthene	14.963	252	806803	71.112	ng	# 98
89) Benzo(k)fluoranthene	14.992	252	659730	58.865	ng	# 98
90) Benzo(a)pyrene	15.327	252	645865	59.694	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	811213	72.148	ng	99
92) Benzo(g,h,i)perylene	17.315	276	780847	66.497	ng	99

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

