

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
 Data File : BF136409.D
 Acq On : 05 Dec 2023 16:37
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :mohammad ahmed 12/07/2023

Quant Time: Dec 06 09:35:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:31:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	118333	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	479285	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	247795	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	458706	20.000	ng	0.00
76) Chrysene-d12	13.980	240	254134	20.000	ng	0.00
86) Perylene-d12	15.451	264	222754	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	937533	117.007	ng	0.00
7) Phenol-d6	6.451	99	1156174	115.652	ng	0.00
23) Nitrobenzene-d5	7.375	82	1050498	118.490	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	360494	117.988	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2059400	113.402	ng	0.00
79) Terphenyl-d14	12.927	244	2319827	120.316	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	187649	59.209	ng	100
3) Pyridine	3.346	79	465622	60.667	ng	98
4) n-Nitrosodimethylamine	3.322	42	204021	61.186	ng	99
6) Aniline	6.469	93	600578	59.445	ng	# 71
8) 2-Chlorophenol	6.593	128	510115	58.316	ng	97
9) Benzaldehyde	6.357	77	272415	60.774	ng	98
10) Phenol	6.463	94	618494	58.141	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	464003	58.518	ng	95
12) 1,3-Dichlorobenzene	6.745	146	575355	58.487	ng	98
13) 1,4-Dichlorobenzene	6.822	146	592148	59.338	ng	98
14) 1,2-Dichlorobenzene	6.975	146	542081	57.767	ng	99
15) Benzyl Alcohol	6.951	79	393502	58.782	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	581333	57.004	ng	97
17) 2-Methylphenol	7.063	107	417108	59.022	ng	97
18) Hexachloroethane	7.310	117	204435	58.677	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	333176	57.775	ng	99
20) 3+4-Methylphenols	7.216	107	495512	56.489	ng	98
22) Acetophenone	7.216	105	689060	58.220	ng	# 95
24) Nitrobenzene	7.392	77	533888	59.862	ng	99
25) Isophorone	7.628	82	947333	59.475	ng	99
26) 2-Nitrophenol	7.698	139	269485	61.462	ng	98
27) 2,4-Dimethylphenol	7.740	122	316313	58.506	ng	95
28) bis(2-Chloroethoxy)met...	7.840	93	573685	58.614	ng	99
29) 2,4-Dichlorophenol	7.945	162	426208	59.724	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	494421	59.417	ng	100
31) Naphthalene	8.104	128	1547572	58.552	ng	100
32) Benzoic acid	7.887	122	353957m	65.837	ng	
33) 4-Chloroaniline	8.157	127	568463	60.329	ng	98
34) Hexachlorobutadiene	8.216	225	290847	58.976	ng	99
35) Caprolactam	8.545	113	130926m	59.576	ng	
36) 4-Chloro-3-methylphenol	8.639	107	450599	59.468	ng	97
37) 2-Methylnaphthalene	8.798	142	976712	58.086	ng	98
38) 1-Methylnaphthalene	8.898	142	955516	57.910	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	457129	59.296	ng	99
41) Hexachlorocyclopentadiene	8.945	237	186023	65.132	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	300194	59.803	ng	99

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44) 2,4,5-Trichlorophenol	9.116	196	333538	59.534	ng	96
46) 1,1'-Biphenyl	9.263	154	1221775	57.946	ng	97
47) 2-Chloronaphthalene	9.286	162	968434	59.012	ng	98
48) 2-Nitroaniline	9.386	65	265629	60.351	ng	95
49) Acenaphthylene	9.704	152	1361959	58.259	ng	100
50) Dimethylphthalate	9.569	163	1092302	59.873	ng	100
51) 2,6-Dinitrotoluene	9.634	165	245377	59.785	ng	94
52) Acenaphthene	9.875	154	867585	57.926	ng	99
53) 3-Nitroaniline	9.804	138	252644	60.280	ng	96
54) 2,4-Dinitrophenol	9.904	184	139414	67.184	ng	# 88
55) Dibenzofuran	10.045	168	1268591	57.967	ng	99
56) 4-Nitrophenol	9.963	139	195847	62.334	ng	93
57) 2,4-Dinitrotoluene	10.039	165	331556	61.066	ng	95
58) Fluorene	10.392	166	996518	56.725	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.163	232	263528	58.723	ng	99
60) Diethylphthalate	10.269	149	1045291	58.268	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	489607	57.170	ng	100
62) 4-Nitroaniline	10.422	138	249143	59.867	ng	97
63) Azobenzene	10.545	77	954511	58.456	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	189468	66.695	ng	98
66) n-Nitrosodiphenylamine	10.504	169	876102	59.522	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	322298	60.432	ng	96
68) Hexachlorobenzene	10.939	284	370168	60.054	ng	# 91
69) Atrazine	11.033	200	218811	52.085	ng	97
70) Pentachlorophenol	11.133	266	218174	62.715	ng	98
71) Phenanthrene	11.357	178	1474893	58.498	ng	100
72) Anthracene	11.410	178	1508313	59.395	ng	99
73) Carbazole	11.563	167	1321836	58.811	ng	99
74) Di-n-butylphthalate	11.898	149	1647818	59.804	ng	100
75) Fluoranthene	12.545	202	1538435	58.227	ng	99
78) Pyrene	12.775	202	1556358	62.532	ng	99
80) Butylbenzylphthalate	13.404	149	553738	62.499	ng	100
81) Benzo(a)anthracene	13.969	228	1036376	58.546	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	284052	57.230	ng	97
83) Chrysene	14.010	228	1044230	59.957	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	690593	63.582	ng	98
85) Di-n-octyl phthalate	14.580	149	1037247	64.652	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	1013885	65.517	ng	99
88) Benzo(b)fluoranthene	15.021	252	925675	60.779	ng	99
89) Benzo(k)fluoranthene	15.057	252	804096	56.022	ng	99
90) Benzo(a)pyrene	15.392	252	763708	60.719	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	827424	65.265	ng	99
92) Benzo(g,h,i)perylene	17.427	276	850243	65.340	ng	99

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

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