

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137248.D
 Acq On : 02 Feb 2024 10:13
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 02 10:36:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	62409	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	242011	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	141177	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	269348	20.000	ng	0.00
76) Chrysene-d12	13.968	240	139141	20.000	ng	0.00
86) Perylene-d12	15.451	264	146867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	327968	86.714	ng	0.00
7) Phenol-d6	6.428	99	439067	81.346	ng	0.00
23) Nitrobenzene-d5	7.357	82	444899	82.306	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	139445	87.460	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	816272	79.482	ng	0.00
79) Terphenyl-d14	12.915	244	882624	86.235	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	76291	37.698	ng	98
3) Pyridine	3.304	79	160196	39.661	ng	98
4) n-Nitrosodimethylamine	3.275	42	80666	40.235	ng	95
6) Aniline	6.463	93	214832	37.181	ng	98
8) 2-Chlorophenol	6.581	128	178299	42.162	ng	94
9) Benzaldehyde	6.345	77	94907	46.171	ng	98
10) Phenol	6.445	94	241496	40.083	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	165643	41.140	ng	99
12) 1,3-Dichlorobenzene	6.733	146	200863	40.511	ng	99
13) 1,4-Dichlorobenzene	6.810	146	208789	40.717	ng	97
14) 1,2-Dichlorobenzene	6.963	146	191725	39.989	ng	96
15) Benzyl Alcohol	6.939	79	173137	45.151	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	268512	37.021	ng	99
17) 2-Methylphenol	7.045	107	151358	42.841	ng	97
18) Hexachloroethane	7.304	117	75960	41.072	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	147049	39.734	ng	98
20) 3+4-Methylphenols	7.204	107	188706	42.192	ng	# 83
22) Acetophenone	7.204	105	264644	40.619	ng	99
24) Nitrobenzene	7.375	77	214890	40.959	ng	98
25) Isophorone	7.616	82	395456	39.635	ng	99
26) 2-Nitrophenol	7.692	139	89631	44.325	ng	100
27) 2,4-Dimethylphenol	7.728	122	119213	41.802	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	221728	41.848	ng	99
29) 2,4-Dichlorophenol	7.928	162	153965	43.520	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	178475	40.613	ng	98
31) Naphthalene	8.092	128	525872	40.194	ng	98
32) Benzoic acid	7.851	122	93651m	46.900	ng	
33) 4-Chloroaniline	8.145	127	183126	40.691	ng	98
34) Hexachlorobutadiene	8.210	225	118204	40.453	ng	97
35) Caprolactam	8.522	113	46286	42.076	ng	89
36) 4-Chloro-3-methylphenol	8.627	107	171713	41.093	ng	92
37) 2-Methylnaphthalene	8.786	142	356802	40.678	ng	99
38) 1-Methylnaphthalene	8.886	142	335321	41.159	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	194061	41.081	ng	98
41) Hexachlorocyclopentadiene	8.939	237	104169	46.299	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	115795	43.217	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	123462	42.155	ng	96
46) 1,1'-Biphenyl	9.251	154	454922	40.501	ng	99
47) 2-Chloronaphthalene	9.274	162	336428	40.472	ng	99
48) 2-Nitroaniline	9.374	65	117761	43.769	ng	93
49) Acenaphthylene	9.692	152	542746	40.784	ng	99
50) Dimethylphthalate	9.557	163	392852	41.190	ng	100
51) 2,6-Dinitrotoluene	9.616	165	89209	43.864	ng	93
52) Acenaphthene	9.863	154	318444	40.715	ng	100
53) 3-Nitroaniline	9.786	138	79966	43.691	ng	99
54) 2,4-Dinitrophenol	9.886	184	40080	49.426	ng	95
55) Dibenzofuran	10.033	168	506231	40.683	ng	99
56) 4-Nitrophenol	9.945	139	55294	39.172	ng	94
57) 2,4-Dinitrotoluene	10.016	165	117779	44.632	ng	98
58) Fluorene	10.380	166	392362	40.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	119424m	43.824	ng	
60) Diethylphthalate	10.257	149	393340	41.885	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	197159	40.661	ng	98
62) 4-Nitroaniline	10.404	138	73714	42.077	ng	97
63) Azobenzene	10.533	77	426517	41.009	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	66065	46.497	ng	80
66) n-Nitrosodiphenylamine	10.492	169	342465	41.816	ng	97
67) 4-Bromophenyl-phenylether	10.863	248	129401	43.692	ng	# 92
68) Hexachlorobenzene	10.927	284	137508	41.567	ng	# 88
69) Atrazine	11.027	200	116873	43.229	ng	98
70) Pentachlorophenol	11.116	266	87863	46.332	ng	97
71) Phenanthrene	11.345	178	572400	40.594	ng	99
72) Anthracene	11.398	178	598378	40.714	ng	98
73) Carbazole	11.551	167	495445	40.337	ng	99
74) Di-n-butylphthalate	11.892	149	579525	43.648	ng	100
75) Fluoranthene	12.533	202	567513	38.462	ng	99
77) Benzidine	12.680	184	8288m	3.326	ng	
78) Pyrene	12.763	202	565583	42.298	ng	99
80) Butylbenzylphthalate	13.398	149	174480	51.009	ng	99
81) Benzo(a)anthracene	13.957	228	399455	40.537	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	103768	38.651	ng	99
83) Chrysene	13.998	228	391600	40.422	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	214853	53.989	ng	99
85) Di-n-octyl phthalate	14.580	149	369675	58.422	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	476837	46.213	ng	99
88) Benzo(b)fluoranthene	15.015	252	380883	42.170	ng	99
89) Benzo(k)fluoranthene	15.045	252	349304	36.557	ng	99
90) Benzo(a)pyrene	15.386	252	352662	41.490	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	385407	46.616	ng	97
92) Benzo(g,h,i)perylene	17.403	276	365126	44.996	ng	98

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

