

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138924.D
 Acq On : 12 Aug 2024 10:08
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 12 11:13:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	54986	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	213210	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	117720	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	195868	20.000	ng	0.00
76) Chrysene-d12	14.004	240	97717	20.000	ng	0.00
86) Perylene-d12	15.468	264	116194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	287282	80.650	ng	0.00
7) Phenol-d6	6.492	99	375965	78.613	ng	0.00
23) Nitrobenzene-d5	7.416	82	366588	84.063	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	78947	81.871	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	653833	83.451	ng	0.00
79) Terphenyl-d14	12.945	244	478623	82.007	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	55295	35.457	ng	97
3) Pyridine	3.346	79	139604	36.954	ng	98
4) n-Nitrosodimethylamine	3.310	42	96126	42.723	ng	85
6) Aniline	6.510	93	165512	38.807	ng	# 52
8) 2-Chlorophenol	6.634	128	148184	39.540	ng	98
9) Benzaldehyde	6.398	77	95766	33.405	ng	98
10) Phenol	6.504	94	196250	38.974	ng	80
11) bis(2-Chloroethyl)ether	6.581	93	145388	37.521	ng	98
12) 1,3-Dichlorobenzene	6.781	146	166761	39.751	ng	98
13) 1,4-Dichlorobenzene	6.857	146	169414	40.016	ng	98
14) 1,2-Dichlorobenzene	7.016	146	161019	40.696	ng	100
15) Benzyl Alcohol	6.992	79	144334	41.873	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	238637	35.786	ng	58
17) 2-Methylphenol	7.110	107	122974	39.738	ng	# 90
18) Hexachloroethane	7.351	117	65992	41.410	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	115296	39.915	ng	97
20) 3+4-Methylphenols	7.263	107	160676	40.467	ng	# 88
22) Acetophenone	7.257	105	222690	42.657	ng	98
24) Nitrobenzene	7.434	77	183789	41.417	ng	99
25) Isophorone	7.669	82	298408	40.074	ng	99
26) 2-Nitrophenol	7.745	139	77216	40.445	ng	93
27) 2,4-Dimethylphenol	7.786	122	92812	40.631	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	174990	38.590	ng	98
29) 2,4-Dichlorophenol	7.992	162	122529	41.744	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	139098	41.064	ng	99
31) Naphthalene	8.145	128	457550	40.770	ng	100
32) Benzoic acid	7.939	122	64611	35.983	ng	96
33) 4-Chloroaniline	8.204	127	144562	38.374	ng	98
34) Hexachlorobutadiene	8.257	225	89756	43.747	ng	99
35) Caprolactam	8.586	113	37004	42.250	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	142812	42.573	ng	99
37) 2-Methylnaphthalene	8.833	142	290765	41.024	ng	99
38) 1-Methylnaphthalene	8.933	142	283929	40.880	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	132554	40.535	ng	99
41) Hexachlorocyclopentadiene	8.981	237	33328	42.118	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	80178	40.213	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	85320	39.143	ng	99
46) 1,1'-Biphenyl	9.298	154	368473	39.966	ng	99
47) 2-Chloronaphthalene	9.328	162	276366	40.304	ng	99
48) 2-Nitroaniline	9.428	65	96488	41.508	ng	96
49) Acenaphthylene	9.739	152	391674	40.274	ng	99
50) Dimethylphthalate	9.598	163	313929	41.706	ng	99
51) 2,6-Dinitrotoluene	9.669	165	72678	42.783	ng	# 86
52) Acenaphthene	9.910	154	258969	39.613	ng	100
53) 3-Nitroaniline	9.845	138	70217	39.984	ng	98
54) 2,4-Dinitrophenol	9.957	184	31877	40.764	ng	# 83
55) Dibenzofuran	10.080	168	373440	40.467	ng	98
56) 4-Nitrophenol	10.022	139	40003	37.880	ng	93
57) 2,4-Dinitrotoluene	10.080	165	92742	42.791	ng	# 80
58) Fluorene	10.427	166	306133	41.657	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	65668	39.407	ng	94
60) Diethylphthalate	10.298	149	307481	43.082	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	152229	42.119	ng	96
62) 4-Nitroaniline	10.457	138	66502	39.849	ng	86
63) Azobenzene	10.575	77	319564	40.371	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	49727	41.614	ng	96
66) n-Nitrosodiphenylamine	10.539	169	246166	40.207	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	86975	41.014	ng	98
68) Hexachlorobenzene	10.975	284	88277	40.317	ng	99
69) Atrazine	11.063	200	55160	34.920	ng	98
70) Pentachlorophenol	11.174	266	39478	40.001	ng	98
71) Phenanthrene	11.386	178	405880	40.243	ng	100
72) Anthracene	11.439	178	398547	40.112	ng	100
73) Carbazole	11.598	167	341259	39.811	ng	99
74) Di-n-butylphthalate	11.916	149	414349	42.998	ng	99
75) Fluoranthene	12.574	202	370766	39.378	ng	99
77) Benzidine	12.704	184	91289	39.059	ng	99
78) Pyrene	12.804	202	378891	41.182	ng	100
80) Butylbenzylphthalate	13.416	149	117990	40.048	ng	97
81) Benzo(a)anthracene	13.992	228	261470	38.857	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	73660	42.776	ng	99
83) Chrysene	14.033	228	247955	40.844	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	160820	37.277	ng	100
85) Di-n-octyl phthalate	14.580	149	306095	38.348	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	308889	37.095	ng	96
88) Benzo(b)fluoranthene	15.045	252	282606m	39.235	ng	
89) Benzo(k)fluoranthene	15.068	252	243353	39.022	ng	99
90) Benzo(a)pyrene	15.410	252	237878	39.262	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	248771	36.395	ng	98
92) Benzo(g,h,i)perylene	17.392	276	254165	35.833	ng	96

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

