

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138362.D
 Acq On : 27 Jun 2024 12:57
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :Jagrut Upadhyay 06/28/2024

Quant Time: Jun 28 02:50:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	281965	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1068659	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	583742	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	989863	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	469549	20.000	ng	-0.01
86) Perylene-d12	15.510	264	602193	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1198144	71.083	ng	0.00
7) Phenol-d6	6.522	99	1499243	70.145	ng	0.00
23) Nitrobenzene-d5	7.451	82	1350238	73.556	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	454258	78.168	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2472121	67.342	ng	-0.01
79) Terphenyl-d14	12.986	244	2346438	79.147	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	272435	35.318	ng	95
3) Pyridine	3.405	79	642268	35.033	ng	97
4) n-Nitrosodimethylamine	3.369	42	282955	33.349	ng	90
6) Aniline	6.545	93	709521	33.927	ng	98
8) 2-Chlorophenol	6.669	128	661025	36.274	ng	97
9) Benzaldehyde	6.434	77	431464	38.008	ng	99
10) Phenol	6.534	94	787446	36.304	ng	91
11) bis(2-Chloroethyl)ether	6.622	93	616315	35.502	ng	98
12) 1,3-Dichlorobenzene	6.822	146	748732	36.153	ng	99
13) 1,4-Dichlorobenzene	6.898	146	743278	35.663	ng	99
14) 1,2-Dichlorobenzene	7.051	146	686309	35.078	ng	100
15) Benzyl Alcohol	7.028	79	520421	36.112	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	743123	30.331	ng	92
17) 2-Methylphenol	7.140	107	522074	36.312	ng	98
18) Hexachloroethane	7.393	117	265676	37.627	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	413164	32.611	ng	99
20) 3+4-Methylphenols	7.293	107	601985	33.265	ng	# 89
22) Acetophenone	7.293	105	824176	33.760	ng	# 92
24) Nitrobenzene	7.469	77	681799	35.936	ng	93
25) Isophorone	7.704	82	1163259	35.034	ng	100
26) 2-Nitrophenol	7.781	139	364822	47.820	ng	99
27) 2,4-Dimethylphenol	7.816	122	414464	35.709	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	734886	35.357	ng	99
29) 2,4-Dichlorophenol	8.022	162	547947	36.669	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	636215	36.102	ng	98
31) Naphthalene	8.187	128	1870807	35.403	ng	99
32) Benzoic acid	7.945	122	404025m	39.496	ng	
33) 4-Chloroaniline	8.234	127	671973	34.024	ng	99
34) Hexachlorobutadiene	8.298	225	387270	37.575	ng	99
35) Caprolactam	8.616	113	174407	38.660	ng	# 84
36) 4-Chloro-3-methylphenol	8.716	107	554984	37.302	ng	97
37) 2-Methylnaphthalene	8.875	142	1220063	35.180	ng	100
38) 1-Methylnaphthalene	8.975	142	1184975	34.868	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	606245	35.540	ng	99
41) Hexachlorocyclopentadiene	9.028	237	204181	36.709	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	402582	37.692	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	437742	37.320	ng	98
46) 1,1'-Biphenyl	9.339	154	1495172	34.906	ng	98
47) 2-Chloronaphthalene	9.363	162	1204386	35.578	ng	99
48) 2-Nitroaniline	9.463	65	325233	39.894	ng	89
49) Acenaphthylene	9.781	152	1677077	35.330	ng	99
50) Dimethylphthalate	9.639	163	1345970	37.633	ng	100
51) 2,6-Dinitrotoluene	9.704	165	324787	41.858	ng	87
52) Acenaphthene	9.951	154	1155643	35.702	ng	100
53) 3-Nitroaniline	9.875	138	326726	39.417	ng	91
54) 2,4-Dinitrophenol	9.975	184	147175	45.534	ng	95
55) Dibenzofuran	10.122	168	1582336	34.969	ng	99
56) 4-Nitrophenol	10.034	139	233112	35.587	ng	95
57) 2,4-Dinitrotoluene	10.104	165	421377	44.030	ng	95
58) Fluorene	10.469	166	1211611	34.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	338449	36.921	ng	99
60) Diethylphthalate	10.339	149	1262575	37.194	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	630483	35.582	ng	99
62) 4-Nitroaniline	10.486	138	311479	37.610	ng	98
63) Azobenzene	10.616	77	1144583	33.656	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	221319	44.474	ng	94
66) n-Nitrosodiphenylamine	10.575	169	1075913	35.503	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	419285	37.590	ng	# 92
68) Hexachlorobenzene	11.010	284	478168	36.735	ng	100
69) Atrazine	11.098	200	276714	32.058	ng	99
70) Pentachlorophenol	11.204	266	269303	35.474	ng	99
71) Phenanthrene	11.428	178	1691587	34.556	ng	99
72) Anthracene	11.480	178	1673376	34.430	ng	99
73) Carbazole	11.633	167	1470914	32.997	ng	99
74) Di-n-butylphthalate	11.963	149	1732031	37.531	ng	98
75) Fluoranthene	12.616	202	1608882	32.231	ng	98
77) Benzidine	12.733	184	314409	57.890	ng	98
78) Pyrene	12.845	202	1604702	39.621	ng	98
80) Butylbenzylphthalate	13.457	149	516622	46.894	ng	98
81) Benzo(a)anthracene	14.027	228	1090459	36.199	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	381050	45.934	ng	98
83) Chrysene	14.063	228	1055396	36.756	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	639409	49.903	ng	98
85) Di-n-octyl phthalate	14.627	149	1029529	54.085	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	1639393	41.760	ng	99
88) Benzo(b)fluoranthene	15.080	252	1215945	34.240	ng	99
89) Benzo(k)fluoranthene	15.110	252	1119401	32.164	ng	99
90) Benzo(a)pyrene	15.445	252	1100029	36.057	ng	99
91) Dibenzo(a,h)anthracene	17.010	278	1334035	41.401	ng	98
92) Benzo(g,h,i)perylene	17.439	276	1392091	41.761	ng	99

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

