

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059726.D
 Acq On : 16 Nov 2023 20:16
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 02:34:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	27417	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	130699	20.000	ng	# 0.00
39) Acenaphthene-d10	14.971	164	103065	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	217187	20.000	ng	0.00
76) Chrysene-d12	22.051	240	237379	20.000	ng	0.00
86) Perylene-d12	25.629	264	288338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.829	112	127713	78.403	ng	0.00
7) Phenol-d6	7.462	99	202450	83.868	ng	0.00
23) Nitrobenzene-d5	9.542	82	286468	83.710	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	97110	83.043	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	600414	78.415	ng	0.00
79) Terphenyl-d14	20.294	244	1114426	69.306	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.672	88	19677m	25.719	ng	
3) Pyridine	4.095	79	63718	30.492	ng	# 90
4) n-Nitrosodimethylamine	4.025	42	43446	39.082	ng	# 51
6) Aniline	7.668	93	132974	41.741	ng	97
8) 2-Chlorophenol	7.891	128	73377	41.523	ng	98
9) Benzaldehyde	7.485	77	72206	44.252	ng	# 81
10) Phenol	7.491	94	103588	41.637	ng	93
11) bis(2-Chloroethyl)ether	7.756	93	64000	41.324	ng	95
12) 1,3-Dichlorobenzene	8.220	146	77295m	39.378	ng	
13) 1,4-Dichlorobenzene	8.378	146	79955	40.563	ng	96
14) 1,2-Dichlorobenzene	8.696	146	80657m	41.186	ng	
15) Benzyl Alcohol	8.584	79	125025	45.420	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.854	45	24079	42.259	ng	91
17) 2-Methylphenol	8.760	107	84305	46.006	ng	89
18) Hexachloroethane	9.424	117	34605	41.362	ng	96
19) n-Nitroso-di-n-propyla...	9.148	70	80975	42.598	ng	# 94
20) 3+4-Methylphenols	9.101	107	109322	42.974	ng	87
22) Acetophenone	9.189	105	151657	40.985	ng	# 92
24) Nitrobenzene	9.583	77	129674	41.143	ng	# 91
25) Isophorone	10.088	82	227830	39.656	ng	98
26) 2-Nitrophenol	10.294	139	50028	43.295	ng	91
27) 2,4-Dimethylphenol	10.317	122	85642	36.453	ng	96
28) bis(2-Chloroethoxy)met...	10.576	93	87512	40.534	ng	# 96
29) 2,4-Dichlorophenol	10.811	162	84246	42.000	ng	95
30) 1,2,4-Trichlorobenzene	11.028	180	81866	40.384	ng	96
31) Naphthalene	11.240	128	276171	42.022	ng	# 93
32) Benzoic acid	10.441	122	73107m	45.724	ng	
33) 4-Chloroaniline	11.357	127	121697	43.535	ng	90
34) Hexachlorobutadiene	11.469	225	60849	44.104	ng	93
35) Caprolactam	12.156	113	27416m	37.398	ng	
36) 4-Chloro-3-methylphenol	12.427	107	122686	45.990	ng	# 92
37) 2-Methylnaphthalene	12.814	142	216479	39.109	ng	# 85
38) 1-Methylnaphthalene	13.038	142	202813m	39.732	ng	
40) 1,2,4,5-Tetrachloroben...	13.161	216	102483	36.819	ng	95
41) Hexachlorocyclopentadiene	13.114	237	132466	75.869	ng	89
43) 2,4,6-Trichlorophenol	13.402	196	75735m	39.128	ng	

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44) 2,4,5-Trichlorophenol	13.472	196	93739	41.217	ng	# 79
46) 1,1'-Biphenyl	13.807	154	309091	38.208	ng	94
47) 2-Chloronaphthalene	13.860	162	212524	38.233	ng	95
48) 2-Nitroaniline	14.078	65	86743	43.708	ng	# 85
49) Acenaphthylene	14.700	152	370370	39.077	ng	98
50) Dimethylphthalate	14.413	163	313676	39.273	ng	99
51) 2,6-Dinitrotoluene	14.554	165	59308	39.142	ng	# 80
52) Acenaphthene	15.035	154	221777	38.908	ng	96
53) 3-Nitroaniline	14.894	138	65789	37.095	ng	# 69
54) 2,4-Dinitrophenol	15.088	184	75128	66.726	ng	# 59
55) Dibenzofuran	15.364	168	363598	38.689	ng	93
56) 4-Nitrophenol	15.171	139	77123	56.838	ng	# 78
57) 2,4-Dinitrotoluene	15.335	165	95763	41.098	ng	95
58) Fluorene	16.011	166	309214	39.603	ng	# 97
59) 2,3,4,6-Tetrachlorophenol	15.570	232	77831	38.931	ng	94
60) Diethylphthalate	15.758	149	360563	42.092	ng	96
61) 4-Chlorophenyl-phenyle...	15.993	204	162865	40.526	ng	94
62) 4-Nitroaniline	16.058	138	62900	35.387	ng	# 63
63) Azobenzene	16.287	77	388763	40.840	ng	93
65) 4,6-Dinitro-2-methylph...	16.081	198	62190	46.855	ng	96
66) n-Nitrosodiphenylamine	16.216	169	287834	45.368	ng	99
67) 4-Bromophenyl-phenylether	16.892	248	111823	47.926	ng	91
68) Hexachlorobenzene	16.986	284	98919	45.424	ng	# 95
69) Atrazine	17.145	200	86187	42.371	ng	88
70) Pentachlorophenol	17.339	266	101510	61.099	ng	91
71) Phenanthrene	17.762	178	477403	43.234	ng	95
72) Anthracene	17.856	178	491860	42.871	ng	99
73) Carbazole	18.132	167	415699	41.474	ng	98
74) Di-n-butylphthalate	18.631	149	535025	44.160	ng	# 95
75) Fluoranthene	19.753	202	555313	41.935	ng	98
77) Benzidine	19.936	184	98937	18.380	ng	98
78) Pyrene	20.118	202	537578	33.284	ng	97
80) Butylbenzylphthalate	20.975	149	256847	38.783	ng	94
81) Benzo(a)anthracene	22.027	228	668140	41.136	ng	98
82) 3,3'-Dichlorobenzidine	21.939	252	254059	41.986	ng	96
83) Chrysene	22.098	228	628825	42.234	ng	97
84) Bis(2-ethylhexyl)phtha...	21.851	149	396233	42.799	ng	98
85) Di-n-octyl phthalate	23.191	149	688373	38.623	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.789	276	987482	45.261	ng	# 81
88) Benzo(b)fluoranthene	24.465	252	659057	41.703	ng	99
89) Benzo(k)fluoranthene	24.548	252	660853	42.298	ng	# 99
90) Benzo(a)pyrene	25.458	252	699888	41.496	ng	98
91) Dibenzo(a,h)anthracene	29.883	278	806113	43.671	ng	# 97
92) Benzo(g,h,i)perylene	31.117	276	773690	44.175	ng	96

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

