

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054894.D
 Acq On : 9 Sep 2022 11:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/12/2022
 Supervised By : Jagrut Upadhyay 09/12/2022

Quant Time: Sep 10 01:55:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	44906	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	178568	20.000	ng	0.00
39) Acenaphthene-d10	14.779	164	123422	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	284846	20.000	ng	0.00
76) Chrysene-d12	21.824	240	266575	20.000	ng	0.00
86) Perylene-d12	25.203	264	287759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	200944	77.922	ng	0.00
7) Phenol-d6	7.300	99	279029	79.119	ng	0.00
23) Nitrobenzene-d5	9.321	82	261521	76.883	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	129996	84.290	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	648665	78.993	ng	0.00
79) Terphenyl-d14	20.126	244	1051286	78.140	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.522	88	42838	34.788	ng	92
3) Pyridine	3.933	79	121744	35.446	ng	95
4) n-Nitrosodimethylamine	3.851	42	49400	33.272	ng	88
6) Aniline	7.465	93	161664	38.581	ng	97
8) 2-Chlorophenol	7.705	128	112898	40.071	ng	98
9) Benzaldehyde	7.277	77	81970	35.462	ng	93
10) Phenol	7.329	94	143296	39.510	ng	97
11) bis(2-Chloroethyl)ether	7.553	93	109514	37.545	ng	95
12) 1,3-Dichlorobenzene	8.029	146	128296	39.349	ng	97
13) 1,4-Dichlorobenzene	8.181	146	130591	39.708	ng	98
14) 1,2-Dichlorobenzene	8.499	146	124194	39.825	ng	97
15) Benzyl Alcohol	8.381	79	100929	39.614	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.663	45	148868	32.616	ng	97
17) 2-Methylphenol	8.587	107	101649	40.707	ng	98
18) Hexachloroethane	9.233	117	45187	37.890	ng	93
19) n-Nitroso-di-n-propyla...	8.951	70	91424	37.698	ng	# 92
20) 3+4-Methylphenols	8.922	107	143204	41.356	ng	97
22) Acetophenone	8.975	105	177723	39.782	ng	# 95
24) Nitrobenzene	9.362	77	129225	37.691	ng	96
25) Isophorone	9.885	82	242389	38.217	ng	98
26) 2-Nitrophenol	10.079	139	66949	44.206	ng	98
27) 2,4-Dimethylphenol	10.126	122	97727	40.727	ng	97
28) bis(2-Chloroethoxy)met...	10.361	93	136399	37.741	ng	99
29) 2,4-Dichlorophenol	10.620	162	116766	42.783	ng	96
30) 1,2,4-Trichlorobenzene	10.831	180	128615	41.236	ng	97
31) Naphthalene	11.025	128	382533	39.928	ng	99
32) Benzoic acid	10.344	122	17420m	16.319	ng	
33) 4-Chloroaniline	11.131	127	156352	40.030	ng	97
34) Hexachlorobutadiene	11.289	225	86465	43.268	ng	99
35) Caprolactam	11.912	113	38675	40.166	ng	# 85
36) 4-Chloro-3-methylphenol	12.247	107	122122	40.918	ng	99
37) 2-Methylnaphthalene	12.617	142	272149	40.529	ng	99
38) 1-Methylnaphthalene	12.835	142	263531	40.338	ng	99
40) 1,2,4,5-Tetrachloroben...	12.982	216	155464	41.786	ng	98
41) Hexachlorocyclopentadiene	12.952	237	64344	32.611	ng	98
43) 2,4,6-Trichlorophenol	13.222	196	93468	37.849	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.299	196	106210	38.297	ng	97
46) 1,1'-Biphenyl	13.616	154	355498	38.787	ng	98
47) 2-Chloronaphthalene	13.663	162	268734	38.607	ng	98
48) 2-Nitroaniline	13.869	65	82415	37.780	ng	90
49) Acenaphthylene	14.509	152	446272	38.852	ng	99
50) Dimethylphthalate	14.227	163	369431	38.853	ng	99
51) 2,6-Dinitrotoluene	14.356	165	79811	41.037	ng	# 84
52) Acenaphthene	14.844	154	285431m	38.685	ng	
53) 3-Nitroaniline	14.691	138	87489	40.185	ng	91
54) 2,4-Dinitrophenol	14.903	184	33742	34.867	ng	97
55) Dibenzofuran	15.179	168	428883	39.558	ng	99
56) 4-Nitrophenol	15.003	139	58251	34.574	ng	93
57) 2,4-Dinitrotoluene	15.144	165	112524	41.829	ng	# 83
58) Fluorene	15.825	166	361028	39.528	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.402	232	93020	37.208	ng	# 94
60) Diethylphthalate	15.579	149	362257	38.153	ng	97
61) 4-Chlorophenyl-phenyle...	15.814	204	185286	41.123	ng	95
62) 4-Nitroaniline	15.855	138	90439	40.686	ng	93
63) Azobenzene	16.107	77	317401	35.175	ng	93
65) 4,6-Dinitro-2-methylph...	15.908	198	58879	40.608	ng	94
66) n-Nitrosodiphenylamine	16.025	169	317855	38.695	ng	99
67) 4-Bromophenyl-phenylether	16.707	248	131974	42.200	ng	96
68) Hexachlorobenzene	16.830	284	146990	41.810	ng	95
69) Atrazine	16.971	200	114466	39.499	ng	99
70) Pentachlorophenol	17.183	266	62878	32.917	ng	97
71) Phenanthrene	17.570	178	589443	38.846	ng	99
72) Anthracene	17.664	178	575191	38.989	ng	99
73) Carbazole	17.935	167	524465	38.586	ng	99
74) Di-n-butylphthalate	18.469	149	643338	37.404	ng	99
75) Fluoranthene	19.580	202	720458	39.030	ng	98
77) Benzidine	19.750	184	268163	40.614	ng	99
78) Pyrene	19.938	202	726763	39.098	ng	99
80) Butylbenzylphthalate	20.808	149	282710	36.463	ng	93
81) Benzo(a)anthracene	21.807	228	708188	39.182	ng	100
82) 3,3'-Dichlorobenzidine	21.713	252	261284	41.231	ng	98
83) Chrysene	21.871	228	672297	38.902	ng	100
84) Bis(2-ethylhexyl)phtha...	21.677	149	403113	36.087	ng	98
85) Di-n-octyl phthalate	22.935	149	695855	36.732	ng	# 93
87) Indeno(1,2,3-cd)pyrene	29.110	276	876503	40.122	ng	# 95
88) Benzo(b)fluoranthene	24.121	252	699208	38.734	ng	99
89) Benzo(k)fluoranthene	24.192	252	713187	39.257	ng	98
90) Benzo(a)pyrene	25.050	252	604025	39.165	ng	98
91) Dibenzo(a,h)anthracene	29.169	278	719653	40.436	ng	97
92) Benzo(g,h,i)perylene	30.326	276	716879	39.871	ng	96

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

Manual Integrations

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