

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
 Data File : BG054301.D
 Acq On : 15 Jul 2022 14:03
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 14:42:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 14:17:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.002	152	17088	20.000	ng	0.00
21) Naphthalene-d8	10.811	136	62448	20.000	ng	# 0.00
39) Acenaphthene-d10	14.636	164	49357	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	134912	20.000	ng	# 0.00
76) Chrysene-d12	21.645	240	156231	20.000	ng	# 0.00
86) Perylene-d12	24.847	264	169090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.564	112	104529	122.898	ng	0.00
7) Phenol-d6	7.168	99	141855	120.924	ng	0.00
23) Nitrobenzene-d5	9.166	82	143904	125.051	ng	0.00
42) 2,4,6-Tribromophenol	16.122	330	134476	140.652	ng	0.00
45) 2-Fluorobiphenyl	13.261	172	432118	128.641	ng	0.00
79) Terphenyl-d14	19.988	244	961000	126.491	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	19935	53.594	ng	92
3) Pyridine	3.831	79	55919m	60.193	ng	
4) n-Nitrosodimethylamine	3.743	42	30793	65.610	ng	# 80
6) Aniline	7.321	93	81215	58.896	ng	98
8) 2-Chlorophenol	7.568	128	58796	61.676	ng	92
9) Benzaldehyde	7.133	77	32209	45.722	ng	# 76
10) Phenol	7.197	94	70752	59.779	ng	97
11) bis(2-Chloroethyl)ether	7.415	93	50279	57.604	ng	93
12) 1,3-Dichlorobenzene	7.891	146	71196	61.507	ng	92
13) 1,4-Dichlorobenzene	8.032	146	73348	61.836	ng	96
14) 1,2-Dichlorobenzene	8.355	146	70306	61.727	ng	97
15) Benzyl Alcohol	8.237	79	58174	61.515	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.531	45	62821	51.832	ng	92
17) 2-Methylphenol	8.449	107	50287	59.466	ng	95
18) Hexachloroethane	9.084	117	24471	60.635	ng	# 65
19) n-Nitroso-di-n-propyla...	8.807	70	45506	56.821	ng	# 85
20) 3+4-Methylphenols	8.778	107	71856	60.560	ng	99
22) Acetophenone	8.825	105	93193	61.751	ng	# 97
24) Nitrobenzene	9.207	77	70766	62.553	ng	# 86
25) Isophorone	9.730	82	124414	59.765	ng	# 92
26) 2-Nitrophenol	9.918	139	36498	65.485	ng	# 88
27) 2,4-Dimethylphenol	9.982	122	50378	64.619	ng	88
28) bis(2-Chloroethoxy)met...	10.212	93	62918	59.374	ng	98
29) 2,4-Dichlorophenol	10.464	162	75801	67.085	ng	88
30) 1,2,4-Trichlorobenzene	10.676	180	91029	65.295	ng	94
31) Naphthalene	10.858	128	196327	62.519	ng	99
32) Benzoic acid	10.165	122	19639	61.907	ng	# 86
33) 4-Chloroaniline	10.970	127	81641	62.516	ng	92
34) Hexachlorobutadiene	11.146	225	78953	68.253	ng	95
35) Caprolactam	11.751	113	19560	60.785	ng	# 84
36) 4-Chloro-3-methylphenol	12.098	107	67513	62.104	ng	88
37) 2-Methylnaphthalene	12.468	142	148871	61.860	ng	98
38) 1-Methylnaphthalene	12.685	142	144778	61.963	ng	100
40) 1,2,4,5-Tetrachloroben...	12.838	216	135609	67.687	ng	# 94
41) Hexachlorocyclopentadiene	12.814	237	41317	82.464	ng	95
43) 2,4,6-Trichlorophenol	13.073	196	75614	65.716	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.155	196	84965	67.508	ng	# 89
46) 1,1'-Biphenyl	13.473	154	211315	63.667	ng	97
47) 2-Chloronaphthalene	13.514	162	175861	63.380	ng	96
48) 2-Nitroaniline	13.713	65	48880	62.243	ng	# 85
49) Acenaphthylene	14.360	152	260396	61.862	ng	99
50) Dimethylphthalate	14.089	163	241250	62.253	ng	# 99
51) 2,6-Dinitrotoluene	14.213	165	53988	64.095	ng	# 74
52) Acenaphthene	14.700	154	159000	62.451	ng	99
53) 3-Nitroaniline	14.542	138	45535	60.987	ng	89
54) 2,4-Dinitrophenol	14.753	184	29290	74.166	ng	# 81
55) Dibenzofuran	15.035	168	281741	63.002	ng	94
56) 4-Nitrophenol	14.859	139	31592	65.863	ng	96
57) 2,4-Dinitrotoluene	15.000	165	77802	63.790	ng	# 84
58) Fluorene	15.682	166	230940	62.165	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.265	232	84733	67.216	ng	# 86
60) Diethylphthalate	15.447	149	232826	61.599	ng	96
61) 4-Chlorophenyl-phenyle...	15.670	204	153422	65.016	ng	# 88
62) 4-Nitroaniline	15.705	138	48764	62.532	ng	92
63) Azobenzene	15.964	77	168348	59.101	ng	85
65) 4,6-Dinitro-2-methylph...	15.770	198	54533	68.711	ng	78
66) n-Nitrosodiphenylamine	15.887	169	209083	61.443	ng	96
67) 4-Bromophenyl-phenylether	16.563	248	118205	65.691	ng	# 92
68) Hexachlorobenzene	16.692	284	133676	65.085	ng	# 91
69) Atrazine	16.833	200	87650	58.319	ng	91
70) Pentachlorophenol	17.039	266	56938	69.010	ng	95
71) Phenanthrene	17.421	178	414564	61.429	ng	97
72) Anthracene	17.515	178	405348	61.331	ng	99
73) Carbazole	17.779	167	336499	60.122	ng	99
74) Di-n-butylphthalate	18.337	149	397993	60.052	ng	98
75) Fluoranthene	19.430	202	559416	60.953	ng	95
77) Benzidine	19.606	184	164979	60.156	ng	98
78) Pyrene	19.794	202	556625	61.907	ng	98
80) Butylbenzylphthalate	20.676	149	175845	60.358	ng	# 82
81) Benzo(a)anthracene	21.628	228	616364	62.367	ng	99
82) 3,3'-Dichlorobenzidine	21.540	252	194449	64.375	ng	# 94
83) Chrysene	21.692	228	580484	62.103	ng	97
84) Bis(2-ethylhexyl)phtha...	21.528	149	250960	60.713	ng	# 92
85) Di-n-octyl phthalate	22.726	149	428933	60.276	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.520	276	801038	62.972	ng	# 99
88) Benzo(b)fluoranthene	23.831	252	635946	63.425	ng	# 98
89) Benzo(k)fluoranthene	23.901	252	616816	62.008	ng	# 98
90) Benzo(a)pyrene	24.701	252	536446	62.528	ng	# 99
91) Dibenzo(a,h)anthracene	28.578	278	658607	63.201	ng	# 96
92) Benzo(g,h,i)perylene	29.671	276	656866	63.196	ng	# 92

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

Manual Integrations

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Abundance

TIC: BG054301.D\data.ms

Time-->

1,4-dioxane
n-Nitroethylaniline,
Pyrene,
2-Fluorophenol, S
Benzothiazole,
Phenol-46, S
bis(2-chlorophenyl) ether
1,4-Dichlorobenzene
2,2'-oxybis[2-chlorophenol]
2,2'-oxybis[3-chlorophenol]
n-Hexachlorobenzene-45, S
Naphthalene-1,5-bis(2-chlorophenyl) ether
2-Nitrophenol
2,4-Dichlorophenol, C
Naphthalene-1,5-bis(2-chlorophenyl) ether
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
Hexachlorocyclopentadiene, C
2,4,6-Trichlorophenol, C
2-Nitroaniline
2-Chloro-4-nitrophenol
2,6-Dinitrophenyl phthalate
Acenaphthylene
Acenaphthene, C
2,4-Dinitrophenol
2,4,6-Trichlorophenol
4-Chloro-2-nitrophenyl ether
n-Nitrosodiphenylamine, C
2,4,6-Trichlorophenol, S
4-Bromophenyl phthalate
Phthalic anhydride
Pentachlorophenol, C
Phthalic anhydride
Antifluoranthrene
Carbazole
Di-n-butylphthalate
Fluoranthene, C
Pyrene
Benzidine
Butylbenzylphthalate
3,4-Dichlorobenzene-1,5-bis(methylhexyloxy)phthalate
Di-n-octyl phthalate, c
Benzothiazole
Benzo(a)pyrene, C
Perylene-12,11'
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene