

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
 Data File : BG054803.D
 Acq On : 31 Aug 2022 12:20
 Operator : CG/JU
 Sample : PB147287BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147287BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/01/2022
 Supervised By : Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 04:59:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	42263	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	178380	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	118818	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	270945	20.000	ng	0.00
76) Chrysene-d12	21.831	240	254772	20.000	ng	0.00
86) Perylene-d12	25.203	264	275431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	368766	151.943	ng	0.00
7) Phenol-d6	7.301	99	476743	143.635	ng	0.00
23) Nitrobenzene-d5	9.328	82	286209	84.230	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	210188	141.569	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	667638	84.454	ng	0.00
79) Terphenyl-d14	20.133	244	1168247	90.856	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	38418	33.150	ng	97
3) Pyridine	3.940	79	109289	33.809	ng	96
4) n-Nitrosodimethylamine	3.858	42	61360	43.912	ng	94
6) Aniline	7.471	93	188393	47.772	ng	98
8) 2-Chlorophenol	7.712	128	140035	52.811	ng	98
9) Benzaldehyde	7.283	77	68883	31.664	ng	97
10) Phenol	7.330	94	168767	49.443	ng	98
11) bis(2-Chloroethyl)ether	7.559	93	127902	46.591	ng	96
12) 1,3-Dichlorobenzene	8.041	146	147436	48.047	ng	98
13) 1,4-Dichlorobenzene	8.188	146	148583	48.004	ng	97
14) 1,2-Dichlorobenzene	8.505	146	144909	49.374	ng	97
15) Benzyl Alcohol	8.388	79	118531m	49.432	ng	
16) 2,2'-oxybis(1-Chloropr...	8.681	45	193413	45.026	ng	99
17) 2-Methylphenol	8.587	107	117051	49.806	ng	98
18) Hexachloroethane	9.245	117	52307	46.603	ng	95
19) n-Nitroso-di-n-propyla...	8.958	70	103227	45.226	ng	97
20) 3+4-Methylphenols	8.916	107	159341	48.894	ng	98
22) Acetophenone	8.981	105	202669	45.414	ng	# 97
24) Nitrobenzene	9.369	77	147199	42.979	ng	97
25) Isophorone	9.892	82	284203	44.857	ng	98
26) 2-Nitrophenol	10.080	139	73906	48.852	ng	96
27) 2,4-Dimethylphenol	10.133	122	127301	53.108	ng	98
28) bis(2-Chloroethoxy)met...	10.368	93	171898	47.614	ng	99
29) 2,4-Dichlorophenol	10.620	162	129576	47.526	ng	99
30) 1,2,4-Trichlorobenzene	10.832	180	141322	45.358	ng	99
31) Naphthalene	11.026	128	418082	43.685	ng	99
32) Benzoic acid	10.285	122	40297m	27.523	ng	
33) 4-Chloroaniline	11.131	127	151323	38.784	ng	98
34) Hexachlorobutadiene	11.302	225	89871	45.020	ng	99
35) Caprolactam	11.907	113	45796m	47.611	ng	
36) 4-Chloro-3-methylphenol	12.242	107	140625	47.167	ng	99
37) 2-Methylnaphthalene	12.624	142	291714	43.489	ng	98
38) 1-Methylnaphthalene	12.841	142	280280	42.947	ng	98
40) 1,2,4,5-Tetrachloroben...	12.988	216	162834	45.463	ng	99
41) Hexachlorocyclopentadiene	12.965	237	198023	104.251	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	107324	45.144	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.299	196	116410	43.602	ng	97
46) 1,1'-Biphenyl	13.623	154	388645	44.047	ng	99
47) 2-Chloronaphthalene	13.670	162	288416	43.040	ng	99
48) 2-Nitroaniline	13.869	65	92093	43.852	ng	96
49) Acenaphthylene	14.510	152	479818	43.391	ng	99
50) Dimethylphthalate	14.234	163	394716	43.120	ng	99
51) 2,6-Dinitrotoluene	14.357	165	85081	45.441	ng	89
52) Acenaphthene	14.851	154	331633m	46.688	ng	
53) 3-Nitroaniline	14.692	138	80665	38.486	ng	93
54) 2,4-Dinitrophenol	14.892	184	83655	79.239	ng	93
55) Dibenzofuran	15.185	168	452769	43.379	ng	99
56) 4-Nitrophenol	14.992	139	149756	92.329	ng	95
57) 2,4-Dinitrotoluene	15.144	165	121247	46.818	ng	# 84
58) Fluorene	15.832	166	376476	42.816	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.403	232	104794	43.542	ng	99
60) Diethylphthalate	15.591	149	391174	42.795	ng	98
61) 4-Chlorophenyl-phenylether	15.820	204	196241	45.242	ng	98
62) 4-Nitroaniline	15.855	138	93961	43.908	ng	97
63) Azobenzene	16.114	77	354939	40.859	ng	96
65) 4,6-Dinitro-2-methylph...	15.902	198	60004	43.507	ng	99
66) n-Nitrosodiphenylamine	16.032	169	343495	43.961	ng	99
67) 4-Bromophenyl-phenylether	16.713	248	136594	45.918	ng	98
68) Hexachlorobenzene	16.831	284	154676	46.253	ng	97
69) Atrazine	16.978	200	127840	46.377	ng	99
70) Pentachlorophenol	17.177	266	160661	88.422	ng	99
71) Phenanthrene	17.577	178	623675	43.210	ng	100
72) Anthracene	17.665	178	632520	45.075	ng	99
73) Carbazole	17.935	167	587389	45.432	ng	100
74) Di-n-butylphthalate	18.476	149	705960	43.151	ng	99
75) Fluoranthene	19.580	202	773055	44.028	ng	98
77) Benzidine	19.757	184	530581	84.081	ng	99
78) Pyrene	19.945	202	782776	44.063	ng	100
80) Butylbenzylphthalate	20.814	149	314250	42.408	ng	96
81) Benzo(a)anthracene	21.807	228	758086	43.885	ng	99
82) 3,3'-Dichlorobenzidine	21.719	252	270546	44.671	ng	97
83) Chrysene	21.878	228	715640	43.328	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	464119	43.473	ng	98
85) Di-n-octyl phthalate	22.953	149	785631	43.393	ng	95
87) Indeno(1,2,3-cd)pyrene	29.087	276	909317	43.488	ng	# 94
88) Benzo(b)fluoranthene	24.122	252	801489	46.388	ng	99
89) Benzo(k)fluoranthene	24.198	252	791859	45.539	ng	99
90) Benzo(a)pyrene	25.045	252	719044	48.710	ng	98
91) Dibenzo(a,h)anthracene	29.157	278	786007	46.141	ng	98
92) Benzo(g,h,i)perylene	30.309	276	776597	45.126	ng	97

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

Manual Integrations APPROVED

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Abundance

TIC: BG054803.D\data.ms

Time-->

1,4-Dioxane
n-Nitrosodiphenylamine,
2-Fluorophenol, S
Phenol-d6, S
bis(2-chlorophenyl) ether
1,4-dichlorobenzene
2,2'-oxybis[2-chlorophenylene]
3-aminobenzonitrile
Hexachlorobenzene-d5, S
Nitrophenol
2-Nitrophenol
Benzic acid
bis(2-chloroethoxy)methane
2,4-dichlorophenol, C
Naphthalene
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
2,4,5-Trichlorophenol, C
2-Chloronaphthalene
2-Nitroaniline
2,6-Dinitrochlorobenzene
Acenaphthylene
3-Nitroacridone-d10
2,4-Dinitrophenol
2,3,4,6-Tetrachlorophthalate
4,6-Dinitrophenyl-phenylether
Acenaphthene
n-Nitrosodiphenylamine, C
4-Bromophenyl-phenylether
Atrazine
Pentachlorophenol, C
Phenanthrene-d10
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene, C
Pyrene
Terphenyl-d14, S
Butylbenzylphthalate
Bis(2-ethylhexyl)phthalate
Chrysene-d12
Di-n-octyl phthalate, c
Benzofluoranthene
Benzo(a)pyrene, C
Perylene-d12, I
Indeno(1,2,3-cd)pyrene
Benzo(g,h,i)perylene