

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056978.D
 Acq On : 4 Apr 2023 23:46
 Operator : CG/JU
 Sample : 02176-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-040323MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2023
 Supervised By : Jagrut Upadhyay 04/05/2023

Quant Time: Apr 05 04:12:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	20092	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	77104	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	51828	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	107751	20.000	ng	# 0.00
76) Chrysene-d12	22.095	240	97448	20.000	ng	0.00
86) Perylene-d12	25.637	264	103353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	115948	92.359	ng	0.00
7) Phenol-d6	7.550	99	171490	91.334	ng	0.00
23) Nitrobenzene-d5	9.594	82	109826	58.283	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	73929	89.290	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	243278	63.650	ng	0.00
79) Terphenyl-d14	20.338	244	355098	61.662	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.726	88	17261	31.365	ng	# 95
3) Pyridine	4.148	79	51949	29.308	ng	96
4) n-Nitrosodimethylamine	4.055	42	30925	37.947	ng	# 83
6) Aniline	7.726	93	44237	18.430	ng	98
8) 2-Chlorophenol	7.973	128	60444	48.338	ng	93
9) Benzaldehyde	7.538	77	42611	36.182	ng	90
10) Phenol	7.573	94	84575	45.459	ng	99
11) bis(2-Chloroethyl)ether	7.814	93	56904	42.938	ng	99
12) 1,3-Dichlorobenzene	8.308	146	65168	47.166	ng	96
13) 1,4-Dichlorobenzene	8.454	146	66340	47.573	ng	97
14) 1,2-Dichlorobenzene	8.778	146	64897	48.170	ng	92
15) Benzyl Alcohol	8.648	79	65195	41.788	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.930	45	70109	43.896	ng	97
17) 2-Methylphenol	8.848	107	58698	44.223	ng	90
18) Hexachloroethane	9.518	117	23804	46.703	ng	98
19) n-Nitroso-di-n-propyla...	9.218	70	52918	39.403	ng	# 91
20) 3+4-Methylphenols	9.177	107	75745	40.810	ng	98
22) Acetophenone	9.242	105	98921	43.116	ng	99
24) Nitrobenzene	9.635	77	82780	42.968	ng	93
25) Isophorone	10.158	82	139333	38.829	ng	99
26) 2-Nitrophenol	10.352	139	34158	45.934	ng	98
27) 2,4-Dimethylphenol	10.393	122	60012	45.708	ng	99
28) bis(2-Chloroethoxy)met...	10.628	93	73470	40.897	ng	93
29) 2,4-Dichlorophenol	10.892	162	65162	46.148	ng	99
30) 1,2,4-Trichlorobenzene	11.110	180	71065	47.367	ng	94
31) Naphthalene	11.309	128	186126	44.287	ng	97
32) Benzoic acid	10.528	122	40918m	45.369	ng	
33) 4-Chloroaniline	11.403	127	18437	9.713	ng	# 95
34) Hexachlorobutadiene	11.580	225	52710	46.770	ng	94
35) Caprolactam	12.167	113	17550m	36.040	ng	
36) 4-Chloro-3-methylphenol	12.496	107	65423	41.431	ng	99
37) 2-Methylnaphthalene	12.884	142	136939	41.055	ng	99
38) 1-Methylnaphthalene	13.101	142	126667	40.442	ng	99
40) 1,2,4,5-Tetrachloroben...	13.242	216	93467	52.006	ng	100
41) Hexachlorocyclopentadiene	13.219	237	42840	43.262	ng	94
43) 2,4,6-Trichlorophenol	13.471	196	56567	49.322	ng	99

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44) 2,4,5-Trichlorophenol	13.548	196	60482	44.515	ng	94
46) 1,1'-Biphenyl	13.865	154	187998	49.552	ng	98
47) 2-Chloronaphthalene	13.918	162	139423	49.688	ng	97
48) 2-Nitroaniline	14.106	65	45730	45.578	ng	98
49) Acenaphthylene	14.758	152	211126	45.794	ng	100
50) Dimethylphthalate	14.464	163	172057	42.133	ng	# 98
51) 2,6-Dinitrotoluene	14.593	165	37892	42.946	ng	98
52) Acenaphthene	15.092	154	146438	46.055	ng	95
53) 3-Nitroaniline	14.922	138	24357	27.890	ng	# 95
54) 2,4-Dinitrophenol	15.122	184	23873	48.070	ng	89
55) Dibenzofuran	15.421	168	211218	44.260	ng	95
56) 4-Nitrophenol	15.216	139	58947	91.277	ng	96
57) 2,4-Dinitrotoluene	15.374	165	52512	42.198	ng	# 96
58) Fluorene	16.068	166	173954	44.051	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.645	232	55986m	45.257	ng	
60) Diethylphthalate	15.809	149	165616	40.455	ng	98
61) 4-Chlorophenyl-phenyle...	16.050	204	99220	42.794	ng	94
62) 4-Nitroaniline	16.079	138	32392	35.799	ng	97
63) Azobenzene	16.344	77	175730	43.072	ng	97
65) 4,6-Dinitro-2-methylph...	16.132	198	16653	25.518	ng	97
66) n-Nitrosodiphenylamine	16.262	169	141754	49.007	ng	99
67) 4-Bromophenyl-phenylether	16.943	248	63801	47.855	ng	98
68) Hexachlorobenzene	17.072	284	64779	49.146	ng	97
69) Atrazine	17.196	200	58173	48.450	ng	98
70) Pentachlorophenol	17.413	266	85934	90.876	ng	97
71) Phenanthrene	17.812	178	308317	56.122	ng	99
72) Anthracene	17.900	178	280063	49.730	ng	100
73) Carbazole	18.165	167	227414	46.315	ng	96
74) Di-n-butylphthalate	18.688	149	249052	43.802	ng	98
75) Fluoranthene	19.798	202	452962	65.043	ng	98
77) Benzidine	19.968	184	55098	20.686	ng	99
78) Pyrene	20.162	202	451235	66.949	ng	98
80) Butylbenzylphthalate	21.014	149	101221	43.642	ng	99
81) Benzo(a)anthracene	22.071	228	417325	61.887	ng	98
82) 3,3'-Dichlorobenzidine	21.966	252	57376	25.197	ng	100
83) Chrysene	22.142	228	374865	59.371	ng	99
84) Bis(2-ethylhexyl)phtha...	21.924	149	145656	43.369	ng	99
85) Di-n-octyl phthalate	23.240	149	245473	43.372	ng	96
87) Indeno(1,2,3-cd)pyrene	29.743	276	334431	43.784	ng	# 96
88) Benzo(b)fluoranthene	24.509	252	432609	66.936	ng	99
89) Benzo(k)fluoranthene	24.580	252	371680	57.605	ng	98
90) Benzo(a)pyrene	25.478	252	374204	58.921	ng	99
91) Dibenzo(a,h)anthracene	29.808	278	260934	41.560	ng	99
92) Benzo(g,h,i)perylene	31.024	276	248727	40.457	ng	98

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

Manual Integrations

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