

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055936.D
 Acq On : 8 Dec 2022 20:49
 Operator : CG/JU
 Sample : N5942-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-120722MS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/09/2022
 Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 09 08:12:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	33613	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	148907	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	101940	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	224785	20.000	ng	0.00
76) Chrysene-d12	21.807	240	192932	20.000	ng	0.00
86) Perylene-d12	25.138	264	232320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	274795	147.769	ng	0.00
7) Phenol-d6	7.306	99	377121	152.344	ng	0.00
23) Nitrobenzene-d5	9.322	82	239876	85.144	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	173204	120.662	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	585422	86.035	ng	0.00
79) Terphenyl-d14	20.109	244	863286	89.497	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	29193	36.734	ng	95
3) Pyridine	3.887	79	83161	34.110	ng	98
4) n-Nitrosodimethylamine	3.799	42	55339	42.873	ng	99
6) Aniline	7.453	93	90359	29.061	ng	98
8) 2-Chlorophenol	7.706	128	113826	53.543	ng	98
9) Benzaldehyde	7.265	77	54439m	32.382	ng	
10) Phenol	7.330	94	147320	53.151	ng	99
11) bis(2-Chloroethyl)ether	7.547	93	98679	46.456	ng	98
12) 1,3-Dichlorobenzene	8.029	146	118453	47.392	ng	97
13) 1,4-Dichlorobenzene	8.176	146	119204	47.197	ng	99
14) 1,2-Dichlorobenzene	8.499	146	117057	48.365	ng	97
15) Benzyl Alcohol	8.381	79	105868m	52.623	ng	
16) 2,2'-oxybis(1-Chloropr...	8.663	45	190379	49.510	ng	100
17) 2-Methylphenol	8.593	107	105203	53.461	ng	99
18) Hexachloroethane	9.233	117	42922	49.376	ng	99
19) n-Nitroso-di-n-propyla...	8.951	70	88571	46.568	ng	99
20) 3+4-Methylphenols	8.922	107	143734	52.287	ng	99
22) Acetophenone	8.975	105	173970	44.961	ng	# 98
24) Nitrobenzene	9.363	77	134579	45.733	ng	100
25) Isophorone	9.886	82	252493	47.301	ng	99
26) 2-Nitrophenol	10.079	139	69528	51.181	ng	96
27) 2,4-Dimethylphenol	10.132	122	119901m	57.993	ng	
28) bis(2-Chloroethoxy)met...	10.356	93	143982	50.243	ng	100
29) 2,4-Dichlorophenol	10.620	162	123913	50.073	ng	99
30) 1,2,4-Trichlorobenzene	10.832	180	132304	46.019	ng	99
31) Naphthalene	11.020	128	370245	45.995	ng	100
32) Benzoic acid	10.326	122	37499	22.045	ng	95
33) 4-Chloroaniline	11.131	127	81627	24.582	ng	98
34) Hexachlorobutadiene	11.296	225	86458	44.041	ng	98
35) Caprolactam	11.919	113	38501	44.959	ng	# 86
36) 4-Chloro-3-methylphenol	12.253	107	135401	49.782	ng	97
37) 2-Methylnaphthalene	12.618	142	279919	46.443	ng	100
38) 1-Methylnaphthalene	12.835	142	262924	44.936	ng	100
40) 1,2,4,5-Tetrachloroben...	12.982	216	164522	51.357	ng	100
41) Hexachlorocyclopentadiene	12.953	237	50109	31.035	ng	99
43) 2,4,6-Trichlorophenol	13.223	196	100403	45.946	ng	99

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44) 2,4,5-Trichlorophenol	13.305	196	107707	44.851	ng	96
46) 1,1'-Biphenyl	13.611	154	372136	50.096	ng	98
47) 2-Chloronaphthalene	13.664	162	282293	48.891	ng	98
48) 2-Nitroaniline	13.863	65	95002	50.045	ng	98
49) Acenaphthylene	14.504	152	459684	48.347	ng	100
50) Dimethylphthalate	14.222	163	367854	45.267	ng	100
51) 2,6-Dinitrotoluene	14.351	165	80893	48.685	ng	98
52) Acenaphthene	14.844	154	330952m	53.258	ng	
53) 3-Nitroaniline	14.686	138	59651	32.703	ng	100
54) 2,4-Dinitrophenol	14.909	184	64121	67.119	ng	98
55) Dibenzofuran	15.174	168	463506	48.350	ng	98
56) 4-Nitrophenol	15.009	139	99349	69.399	ng	94
57) 2,4-Dinitrotoluene	15.144	165	111713	47.687	ng	98
58) Fluorene	15.820	166	387323	50.587	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.409	232	91704m	39.411	ng	
60) Diethylphthalate	15.573	149	362299	44.097	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	194231	46.149	ng	97
62) 4-Nitroaniline	15.849	138	79006	41.436	ng	96
63) Azobenzene	16.096	77	328964	45.863	ng	98
65) 4,6-Dinitro-2-methylph...	15.914	198	55663	44.347	ng	99
66) n-Nitrosodiphenylamine	16.020	169	308931	49.869	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	125111	48.849	ng	98
68) Hexachlorobenzene	16.830	284	136088	47.920	ng	98
69) Atrazine	16.960	200	124526	50.826	ng	99
70) Pentachlorophenol	17.183	266	96301m	55.433	ng	
71) Phenanthrene	17.571	178	1454784	119.929	ng	97
72) Anthracene	17.659	178	652298	55.345	ng	99
73) Carbazole	17.923	167	751017	70.880	ng	99
74) Di-n-butylphthalate	18.452	149	600152	45.616	ng	99
75) Fluoranthene	19.574	202	2326326	157.637	ng	94
77) Benzidine	19.739	184	175893	39.408	ng	98
78) Pyrene	19.933	202	1968781	150.758	ng	94
80) Butylbenzylphthalate	20.785	149	258624	50.588	ng	99
81) Benzo(a)anthracene	21.783	228	1260215	94.836	ng	97
82) 3,3'-Dichlorobenzidine	21.689	252	144266	30.897	ng	100
83) Chrysene	21.860	228	1426487m	112.762	ng	
84) Bis(2-ethylhexyl)phtha...	21.648	149	373850	50.883	ng	99
85) Di-n-octyl phthalate	22.888	149	638075	50.748	ng	99
87) Indeno(1,2,3-cd)pyrene	29.016	276	1288031	67.676	ng	# 96
88) Benzo(b)fluoranthene	24.087	252	1713530	113.254	ng	97
89) Benzo(k)fluoranthene	24.157	252	1073834	71.202	ng	97
90) Benzo(a)pyrene	24.997	252	1281722	98.720	ng	97
91) Dibenzo(a,h)anthracene	29.057	278	759333	48.823	ng	99
92) Benzo(g,h,i)perylene	30.221	276	1147324	73.193	ng	100

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

