

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052323.D
 Acq On : 8 Feb 2022 17:34
 Operator : CG/JU
 Sample : N1401-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124030MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/09/2022
 Supervised By : mohammad ahmed 02/15/2022

Quant Time: Feb 09 01:25:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	35239	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	151028	20.000	ng	# 0.00
39) Acenaphthene-d10	14.879	164	99358	20.000	ng	0.00
64) Phenanthrene-d10	17.628	188	217079	20.000	ng	0.00
76) Chrysene-d12	21.945	240	180447	20.000	ng	0.00
86) Perylene-d12	25.423	264	174919	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	253898	125.574	ng	0.01
7) Phenol-d6	7.377	99	360792	115.650	ng	0.00
23) Nitrobenzene-d5	9.404	82	256080	73.692	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	168701	118.185	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	500311	69.969	ng	0.00
79) Terphenyl-d14	20.218	244	599309	58.649	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.582	88	29582	31.774	ng	93
3) Pyridine	3.993	79	79410	29.409	ng	98
4) n-Nitrosodimethylamine	3.905	42	54765	39.279	ng	93
6) Aniline	7.541	93	75786	20.910	ng	95
8) 2-Chlorophenol	7.794	128	114203	51.344	ng	94
9) Benzaldehyde	7.348	77	83499	51.569	ng	96
10) Phenol	7.406	94	160200	51.683	ng	96
11) bis(2-Chloroethyl)ether	7.630	93	102651	43.326	ng	98
12) 1,3-Dichlorobenzene	8.117	146	122294	48.256	ng	96
13) 1,4-Dichlorobenzene	8.264	146	126214	48.854	ng	96
14) 1,2-Dichlorobenzene	8.593	146	121127	47.540	ng	96
15) Benzyl Alcohol	8.464	79	118937	45.936	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.757	45	148621	43.440	ng	98
17) 2-Methylphenol	8.675	107	99377	48.585	ng	94
18) Hexachloroethane	9.333	117	45070	50.171	ng	96
19) n-Nitroso-di-n-propyla...	9.034	70	97719	41.549	ng	96
20) 3+4-Methylphenols	9.004	107	137300	46.919	ng	97
22) Acetophenone	9.057	105	172679	43.261	ng	# 94
24) Nitrobenzene	9.445	77	146859	44.553	ng	93
25) Isophorone	9.973	82	260968	44.137	ng	99
26) 2-Nitrophenol	10.167	139	65598	46.951	ng	93
27) 2,4-Dimethylphenol	10.220	122	107970	52.194	ng	97
28) bis(2-Chloroethoxy)met...	10.449	93	144132	42.953	ng	100
29) 2,4-Dichlorophenol	10.714	162	117936	47.564	ng	99
30) 1,2,4-Trichlorobenzene	10.931	180	136687	47.209	ng	97
31) Naphthalene	11.119	128	370018	46.734	ng	96
32) Benzoic acid	10.373	122	68068	50.531	ng	94
33) 4-Chloroaniline	11.219	127	48491	14.669	ng	95
34) Hexachlorobutadiene	11.407	225	88652	45.338	ng	99
35) Caprolactam	11.988	113	39844m	44.095	ng	
36) 4-Chloro-3-methylphenol	12.335	107	130750	46.351	ng	97
37) 2-Methylnaphthalene	12.717	142	270681	46.028	ng	100
38) 1-Methylnaphthalene	12.934	142	257312	45.155	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.081	216	164625	50.374	ng	99
41) Hexachlorocyclopentadiene	13.063	237	69770	46.667	ng	97
43) 2,4,6-Trichlorophenol	13.316	196	108692	50.854	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.392	196	117920	50.910	ng	94
46) 1,1'-Biphenyl	13.710	154	361782	49.656	ng	98
47) 2-Chloronaphthalene	13.757	162	274957	48.984	ng	98
48) 2-Nitroaniline	13.950	65	96337	48.207	ng	98
49) Acenaphthylene	14.602	152	447792	49.007	ng	99
50) Dimethylphthalate	14.315	163	342157	44.953	ng	100
51) 2,6-Dinitrotoluene	14.438	165	77577	47.232	ng	92
52) Acenaphthene	14.943	154	287677	48.073	ng	97
53) 3-Nitroaniline	14.773	138	48777	28.571	ng	89
54) 2,4-Dinitrophenol	14.978	184	36847	38.908	ng	96
55) Dibenzofuran	15.272	168	426443	45.314	ng	99
56) 4-Nitrophenol	15.084	139	126292	98.504	ng	88
57) 2,4-Dinitrotoluene	15.231	165	108643	46.474	ng	# 85
58) Fluorene	15.924	166	348919	46.443	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.501	232	104136	47.063	ng	97
60) Diethylphthalate	15.672	149	336912	43.818	ng	99
61) 4-Chlorophenyl-phenyle...	15.907	204	191711	44.797	ng	98
62) 4-Nitroaniline	15.936	138	65324	36.346	ng	87
63) Azobenzene	16.200	77	348198	44.237	ng	95
65) 4,6-Dinitro-2-methylph...	16.001	198	28641	21.932	ng	89
66) n-Nitrosodiphenylamine	16.118	169	302716	50.612	ng	99
67) 4-Bromophenyl-phenylether	16.805	248	129254	48.962	ng	94
68) Hexachlorobenzene	16.941	284	140058	48.916	ng	93
69) Atrazine	17.064	200	119747	49.521	ng	96
70) Pentachlorophenol	17.281	266	157284	112.284	ng	98
71) Phenanthrene	17.669	178	561073	50.138	ng	97
72) Anthracene	17.763	178	538042	49.064	ng	100
73) Carbazole	18.027	167	483529	45.209	ng	99
74) Di-n-butylphthalate	18.568	149	534811	45.895	ng	99
75) Fluoranthene	19.672	202	642084	45.061	ng	100
77) Benzidine	19.842	184	244286	63.356	ng	99
78) Pyrene	20.036	202	626057	51.850	ng	98
80) Butylbenzylphthalate	20.900	149	203034	48.409	ng	97
81) Benzo(a)anthracene	21.928	228	588124	49.253	ng	99
82) 3,3'-Dichlorobenzidine	21.828	252	162047	38.873	ng	96
83) Chrysene	21.998	228	544355	48.108	ng	98
84) Bis(2-ethylhexyl)phtha...	21.799	149	301068	51.768	ng	98
85) Di-n-octyl phthalate	23.097	149	490153	50.269	ng	99
87) Indeno(1,2,3-cd)pyrene	29.435	276	423350	33.074	ng	# 96
88) Benzo(b)fluoranthene	24.313	252	553699	50.797	ng	100
89) Benzo(k)fluoranthene	24.389	252	571764	53.099	ng	98
90) Benzo(a)pyrene	25.265	252	540268	58.675	ng	98
91) Dibenzo(a,h)anthracene	29.512	278	366863	34.695	ng	97
92) Benzo(g,h,i)perylene	30.698	276	298768	28.791	ng	99

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

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