

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056934.D
 Acq On : 30 Mar 2023 22:16
 Operator : CG/JU
 Sample : PB151747BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151747BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 04:06:13 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	15999	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	66812	20.000	ng	0.00
39) Acenaphthene-d10	15.027	164	52295	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	131095	20.000	ng	0.00
76) Chrysene-d12	22.094	240	129747	20.000	ng	0.00
86) Perylene-d12	25.642	264	141097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	168281	168.339	ng	0.00
7) Phenol-d6	7.543	99	245053	163.903	ng	0.00
23) Nitrobenzene-d5	9.594	82	151962	93.066	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	127675	152.826	ng	0.00
45) 2-Fluorobiphenyl	13.659	172	363848	94.346	ng	0.00
79) Terphenyl-d14	20.338	244	760501	99.185	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.719	88	16606	37.894	ng	99
3) Pyridine	4.142	79	49222	34.874	ng	100
4) n-Nitrosodimethylamine	4.048	42	31136	47.981	ng	97
6) Aniline	7.720	93	68116	35.638	ng	99
8) 2-Chlorophenol	7.972	128	54909	55.145	ng	93
9) Benzaldehyde	7.532	77	43654	46.551	ng	91
10) Phenol	7.573	94	84727	57.191	ng	98
11) bis(2-Chloroethyl)ether	7.814	93	50560	47.911	ng	98
12) 1,3-Dichlorobenzene	8.301	146	56314	51.185	ng	97
13) 1,4-Dichlorobenzene	8.448	146	57128	51.447	ng	97
14) 1,2-Dichlorobenzene	8.777	146	54918	51.191	ng	91
15) Benzyl Alcohol	8.642	79	65963	53.097	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.930	45	63176m	49.675	ng	
17) 2-Methylphenol	8.842	107	55001	52.038	ng	98
18) Hexachloroethane	9.517	117	20648	50.875	ng	94
19) n-Nitroso-di-n-propyla...	9.218	70	50905	47.601	ng	98
20) 3+4-Methylphenols	9.171	107	75109	50.820	ng	96
22) Acetophenone	9.241	105	94296	47.431	ng	# 97
24) Nitrobenzene	9.635	77	79065	47.361	ng	100
25) Isophorone	10.152	82	138727	44.616	ng	99
26) 2-Nitrophenol	10.351	139	31989	49.644	ng	96
27) 2,4-Dimethylphenol	10.393	122	58653	51.554	ng	95
28) bis(2-Chloroethoxy)met...	10.633	93	71421	45.881	ng	95
29) 2,4-Dichlorophenol	10.892	162	61359	50.149	ng	99
30) 1,2,4-Trichlorobenzene	11.109	180	63417	48.781	ng	97
31) Naphthalene	11.309	128	171114	46.987	ng	99
32) Benzoic acid	10.516	122	42125	53.903	ng	94
33) 4-Chloroaniline	11.403	127	33256	20.219	ng	97
34) Hexachlorobutadiene	11.579	225	44912	45.990	ng	97
35) Caprolactam	12.161	113	21888m	51.873	ng	
36) 4-Chloro-3-methylphenol	12.490	107	67846	49.584	ng	94
37) 2-Methylnaphthalene	12.883	142	129736	44.887	ng	99
38) 1-Methylnaphthalene	13.101	142	120969	44.573	ng	99
40) 1,2,4,5-Tetrachloroben...	13.242	216	87604	48.308	ng	98
41) Hexachlorocyclopentadiene	13.218	237	123873	123.977	ng	93
43) 2,4,6-Trichlorophenol	13.471	196	59092	51.064	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	64568	47.098	ng	95
46) 1,1'-Biphenyl	13.864	154	187636	49.015	ng	97
47) 2-Chloronaphthalene	13.917	162	140605	49.661	ng	98
48) 2-Nitroaniline	14.111	65	49231	48.629	ng	98
49) Acenaphthylene	14.757	152	224664	48.296	ng	98
50) Dimethylphthalate	14.464	163	198703	48.223	ng	99
51) 2,6-Dinitrotoluene	14.587	165	44513	50.000	ng	95
52) Acenaphthene	15.092	154	178190	55.541	ng	92
53) 3-Nitroaniline	14.922	138	25063	28.442	ng	98
54) 2,4-Dinitrophenol	15.127	184	57986	115.717	ng	89
55) Dibenzofuran	15.421	168	230081	47.782	ng	98
56) 4-Nitrophenol	15.215	139	72782	111.694	ng	98
57) 2,4-Dinitrotoluene	15.374	165	62286	49.605	ng	98
58) Fluorene	16.067	166	190594	47.833	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.644	232	65058	52.121	ng	# 99
60) Diethylphthalate	15.815	149	206357	49.956	ng	99
61) 4-Chlorophenyl-phenyle...	16.050	204	114218	48.823	ng	97
62) 4-Nitroaniline	16.085	138	43927	48.113	ng	96
63) Azobenzene	16.343	77	201314	48.902	ng	99
65) 4,6-Dinitro-2-methylph...	16.138	198	42858	53.980	ng	93
66) n-Nitrosodiphenylamine	16.261	169	171923	48.854	ng	97
67) 4-Bromophenyl-phenylether	16.942	248	76560	47.199	ng	98
68) Hexachlorobenzene	17.072	284	81422	50.773	ng	98
69) Atrazine	17.195	200	77657	53.160	ng	95
70) Pentachlorophenol	17.412	266	107302	93.266	ng	97
71) Phenanthrene	17.812	178	334979	50.118	ng	98
72) Anthracene	17.900	178	338442	49.394	ng	99
73) Carbazole	18.164	167	302474	50.633	ng	98
74) Di-n-butylphthalate	18.687	149	352414	50.944	ng	99
75) Fluoranthene	19.797	202	422762	49.896	ng	99
77) Benzidine	19.962	184	153988	43.421	ng	98
78) Pyrene	20.162	202	431243	48.055	ng	99
80) Butylbenzylphthalate	21.019	149	153355	49.660	ng	98
81) Benzo(a)anthracene	22.071	228	434599	48.405	ng	99
82) 3,3'-Dichlorobenzidine	21.965	252	96691	31.892	ng	# 97
83) Chrysene	22.147	228	401269	47.732	ng	99
84) Bis(2-ethylhexyl)phtha...	21.930	149	220348	49.276	ng	99
85) Di-n-octyl phthalate	23.246	149	380224	50.457	ng	100
87) Indeno(1,2,3-cd)pyrene	29.743	276	534496	51.257	ng	# 96
88) Benzo(b)fluoranthene	24.503	252	460754	52.221	ng	98
89) Benzo(k)fluoranthene	24.579	252	459852m	52.206	ng	
90) Benzo(a)pyrene	25.478	252	408007	47.058	ng	99
91) Dibenzo(a,h)anthracene	29.813	278	439155	51.235	ng	98
92) Benzo(g,h,i)perylene	31.029	276	428258	51.025	ng	99

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

