

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056961.D
 Acq On : 4 Apr 2023 11:42
 Operator : CG/JU
 Sample : PB151854BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151854BS

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 04:05:52 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	8.416	152	14792	20.000	ng	0.00
21) Naphthalene-d8	11.265	136	62431	20.000	ng	0.00
39) Acenaphthene-d10	15.030	164	51179	20.000	ng	0.00
64) Phenanthrene-d10	17.774	188	128218	20.000	ng	0.00
76) Chrysene-d12	22.097	240	119781	20.000	ng	0.00
86) Perylene-d12	25.651	264	132307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.925	112	117084	126.681	ng	0.00
7) Phenol-d6	7.546	99	165625	119.817	ng	0.00
23) Nitrobenzene-d5	9.596	82	101847	66.751	ng	0.00
42) 2,4,6-Tribromophenol	16.516	330	87114	106.548	ng	0.00
45) 2-Fluorobiphenyl	13.662	172	247108	65.472	ng	0.00
79) Terphenyl-d14	20.341	244	478200	67.556	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.722	88	15581	38.457	ng	99
3) Pyridine	4.145	79	41509	31.809	ng	98
4) n-Nitrosodimethylamine	4.051	42	24313	40.524	ng	95
6) Aniline	7.722	93	64420	36.454	ng	95
8) 2-Chlorophenol	7.975	128	47140	51.206	ng	95
9) Benzaldehyde	7.535	77	34138	39.374	ng	92
10) Phenol	7.576	94	70071	51.158	ng	98
11) bis(2-Chloroethyl)ether	7.816	93	42979	44.051	ng	99
12) 1,3-Dichlorobenzene	8.310	146	46845	46.052	ng	92
13) 1,4-Dichlorobenzene	8.451	146	47231	46.005	ng	99
14) 1,2-Dichlorobenzene	8.780	146	46339	46.719	ng	89
15) Benzyl Alcohol	8.645	79	52649	45.838	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.938	45	52773m	44.881	ng	
17) 2-Methylphenol	8.844	107	44738	45.782	ng	94
18) Hexachloroethane	9.520	117	17056	45.454	ng	88
19) n-Nitroso-di-n-propyla...	9.220	70	42350	42.833	ng	99
20) 3+4-Methylphenols	9.173	107	63713	46.627	ng	94
22) Acetophenone	9.244	105	79422	42.753	ng	# 97
24) Nitrobenzene	9.638	77	63177	40.500	ng	95
25) Isophorone	10.160	82	113372	39.020	ng	96
26) 2-Nitrophenol	10.360	139	26173	43.469	ng	95
27) 2,4-Dimethylphenol	10.395	122	49277	46.352	ng	100
28) bis(2-Chloroethoxy)met...	10.636	93	60055	41.286	ng	95
29) 2,4-Dichlorophenol	10.895	162	51035	44.638	ng	95
30) 1,2,4-Trichlorobenzene	11.118	180	53224	43.813	ng	98
31) Naphthalene	11.312	128	142876	41.986	ng	98
32) Benzoic acid	10.525	122	31411	43.014	ng	96
33) 4-Chloroaniline	11.406	127	35226	22.920	ng	95
34) Hexachlorobutadiene	11.588	225	37362	40.943	ng	97
35) Caprolactam	12.169	113	16846m	42.725	ng	
36) 4-Chloro-3-methylphenol	12.493	107	57285	44.803	ng	98
37) 2-Methylnaphthalene	12.886	142	108751	40.267	ng	98
38) 1-Methylnaphthalene	13.103	142	100067	39.458	ng	99
40) 1,2,4,5-Tetrachloroben...	13.244	216	73448	41.385	ng	98
41) Hexachlorocyclopentadiene	13.221	237	105720	108.116	ng	93
43) 2,4,6-Trichlorophenol	13.474	196	49021	43.285	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.550	196	52575	39.187	ng	97
46) 1,1'-Biphenyl	13.873	154	158170	42.219	ng	99
47) 2-Chloronaphthalene	13.920	162	119223	43.027	ng	96
48) 2-Nitroaniline	14.114	65	41334	41.719	ng	100
49) Acenaphthylene	14.760	152	186856	41.044	ng	99
50) Dimethylphthalate	14.466	163	165097	40.941	ng	97
51) 2,6-Dinitrotoluene	14.596	165	36828	42.269	ng	94
52) Acenaphthene	15.101	154	145961	46.487	ng	100
53) 3-Nitroaniline	14.925	138	23617	27.385	ng	98
54) 2,4-Dinitrophenol	15.130	184	49085	100.090	ng	98
55) Dibenzofuran	15.430	168	195332	41.450	ng	98
56) 4-Nitrophenol	15.218	139	58536	91.790	ng	92
57) 2,4-Dinitrotoluene	15.377	165	51175	41.645	ng	98
58) Fluorene	16.076	166	159108	40.802	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.647	232	52684	43.128	ng	# 98
60) Diethylphthalate	15.817	149	167650	41.471	ng	98
61) 4-Chlorophenyl-phenyle...	16.052	204	94364	41.216	ng	99
62) 4-Nitroaniline	16.088	138	36128	40.434	ng	89
63) Azobenzene	16.346	77	163851	40.670	ng	98
65) 4,6-Dinitro-2-methylph...	16.140	198	34115	43.932	ng	96
66) n-Nitrosodiphenylamine	16.264	169	139281	40.466	ng	97
67) 4-Bromophenyl-phenylether	16.951	248	61801	38.955	ng	96
68) Hexachlorobenzene	17.075	284	68250	43.514	ng	96
69) Atrazine	17.198	200	62542	43.774	ng	93
70) Pentachlorophenol	17.415	266	86246	76.647	ng	94
71) Phenanthrene	17.815	178	269421	41.214	ng	99
72) Anthracene	17.909	178	273303	40.783	ng	99
73) Carbazole	18.167	167	240728	41.201	ng	95
74) Di-n-butylphthalate	18.690	149	275296	40.689	ng	98
75) Fluoranthene	19.800	202	334044	40.310	ng	98
77) Benzidine	19.965	184	178690	54.578	ng	99
78) Pyrene	20.164	202	339134	40.935	ng	98
80) Butylbenzylphthalate	21.022	149	122022	42.801	ng	95
81) Benzo(a)anthracene	22.074	228	343623	41.456	ng	100
82) 3,3'-Dichlorobenzidine	21.974	252	86354	30.852	ng	100
83) Chrysene	22.150	228	314311	40.499	ng	99
84) Bis(2-ethylhexyl)phtha...	21.927	149	174255	42.211	ng	96
85) Di-n-octyl phthalate	23.249	149	296078	42.560	ng	99
87) Indeno(1,2,3-cd)pyrene	29.746	276	422139	43.172	ng	# 96
88) Benzo(b)fluoranthene	24.506	252	367744	44.448	ng	98
89) Benzo(k)fluoranthene	24.582	252	350282m	42.408	ng	
90) Benzo(a)pyrene	25.481	252	317652	39.071	ng	99
91) Dibenzo(a,h)anthracene	29.810	278	350005	43.547	ng	97
92) Benzo(g,h,i)perylene	31.044	276	332996	42.311	ng	99

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

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