

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056988.D
 Acq On : 5 Apr 2023 12:46
 Operator : CG/JU
 Sample : PB151887BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151887BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/06/2023
 Supervised By : Jagrut Upadhyay 04/06/2023

Quant Time: Apr 06 05:07:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	13042	20.000	ng	0.00
21) Naphthalene-d8	11.260	136	57757	20.000	ng	0.00
39) Acenaphthene-d10	15.031	164	48184	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	118569	20.000	ng	0.00
76) Chrysene-d12	22.092	240	97629	20.000	ng	0.00
86) Perylene-d12	25.640	264	105668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.926	112	98028	120.295	ng	0.00
7) Phenol-d6	7.547	99	147133	120.722	ng	0.00
23) Nitrobenzene-d5	9.597	82	91787	65.026	ng	0.00
42) 2,4,6-Tribromophenol	16.512	330	82326	106.951	ng	0.00
45) 2-Fluorobiphenyl	13.657	172	230487	64.864	ng	0.00
79) Terphenyl-d14	20.336	244	420384	72.863	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.723	88	11897	33.304	ng	# 95
3) Pyridine	4.146	79	32296	28.070	ng	98
4) n-Nitrosodimethylamine	4.052	42	20201	38.188	ng	# 99
6) Aniline	7.729	93	54391	34.909	ng	98
8) 2-Chlorophenol	7.976	128	41391	50.994	ng	93
9) Benzaldehyde	7.535	77	30303	39.640	ng	96
10) Phenol	7.577	94	62095	51.418	ng	98
11) bis(2-Chloroethyl)ether	7.817	93	37289	43.347	ng	95
12) 1,3-Dichlorobenzene	8.305	146	40674	45.351	ng	98
13) 1,4-Dichlorobenzene	8.452	146	42652	47.120	ng	94
14) 1,2-Dichlorobenzene	8.781	146	40140	45.899	ng	95
15) Benzyl Alcohol	8.646	79	47830	47.230	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.934	45	45852m	44.227	ng	
17) 2-Methylphenol	8.851	107	41702	48.401	ng	92
18) Hexachloroethane	9.521	117	14447	43.667	ng	89
19) n-Nitroso-di-n-propyla...	9.221	70	38410	44.060	ng	96
20) 3+4-Methylphenols	9.180	107	54906	45.573	ng	93
22) Acetophenone	9.245	105	70835	41.216	ng	# 96
24) Nitrobenzene	9.639	77	57603	39.915	ng	93
25) Isophorone	10.161	82	100354	37.335	ng	97
26) 2-Nitrophenol	10.355	139	25090	45.042	ng	97
27) 2,4-Dimethylphenol	10.396	122	45205	45.963	ng	95
28) bis(2-Chloroethoxy)met...	10.637	93	53823	39.997	ng	98
29) 2,4-Dichlorophenol	10.896	162	47290	44.710	ng	100
30) 1,2,4-Trichlorobenzene	11.119	180	49068	43.661	ng	92
31) Naphthalene	11.313	128	129138	41.020	ng	97
32) Benzoic acid	10.526	122	29758	44.048	ng	94
33) 4-Chloroaniline	11.407	127	37003	26.025	ng	97
34) Hexachlorobutadiene	11.589	225	34247	40.567	ng	96
35) Caprolactam	12.170	113	15349m	42.079	ng	
36) 4-Chloro-3-methylphenol	12.499	107	51976	43.941	ng	98
37) 2-Methylnaphthalene	12.887	142	99280	39.735	ng	98
38) 1-Methylnaphthalene	13.104	142	91113	38.835	ng	99
40) 1,2,4,5-Tetrachloroben...	13.245	216	68627	41.072	ng	98
41) Hexachlorocyclopentadiene	13.222	237	96727	105.068	ng	95
43) 2,4,6-Trichlorophenol	13.475	196	46127	43.261	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.551	196	50197	39.740	ng	98
46) 1,1'-Biphenyl	13.868	154	148040	41.971	ng	95
47) 2-Chloronaphthalene	13.921	162	110131	42.217	ng	98
48) 2-Nitroaniline	14.109	65	39528	42.376	ng	99
49) Acenaphthylene	14.761	152	177451	41.401	ng	99
50) Dimethylphthalate	14.467	163	154059	40.579	ng	99
51) 2,6-Dinitrotoluene	14.591	165	34339	41.862	ng	97
52) Acenaphthene	15.096	154	140292m	47.459	ng	
53) 3-Nitroaniline	14.925	138	21599	26.602	ng	98
54) 2,4-Dinitrophenol	15.131	184	47025	101.850	ng	# 90
55) Dibenzofuran	15.425	168	182582	41.152	ng	98
56) 4-Nitrophenol	15.219	139	54131	90.159	ng	92
57) 2,4-Dinitrotoluene	15.378	165	49124	42.461	ng	# 97
58) Fluorene	16.071	166	153486	41.807	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.648	232	50484	43.896	ng	# 98
60) Diethylphthalate	15.818	149	156600	41.145	ng	99
61) 4-Chlorophenyl-phenyle...	16.053	204	88866	41.227	ng	97
62) 4-Nitroaniline	16.083	138	35936	42.719	ng	91
63) Azobenzene	16.347	77	152358	40.168	ng	99
65) 4,6-Dinitro-2-methylph...	16.141	198	33424	46.545	ng	95
66) n-Nitrosodiphenylamine	16.265	169	132869	41.745	ng	99
67) 4-Bromophenyl-phenylether	16.946	248	61207	41.720	ng	93
68) Hexachlorobenzene	17.076	284	65599	45.227	ng	99
69) Atrazine	17.199	200	58431	44.225	ng	95
70) Pentachlorophenol	17.416	266	79084	76.001	ng	95
71) Phenanthrene	17.816	178	254125	42.038	ng	100
72) Anthracene	17.904	178	258582	41.726	ng	99
73) Carbazole	18.168	167	227986	42.195	ng	97
74) Di-n-butylphthalate	18.691	149	265202	42.387	ng	99
75) Fluoranthene	19.801	202	298021	38.890	ng	98
77) Benzidine	19.960	184	152580	57.178	ng	100
78) Pyrene	20.160	202	297417	44.045	ng	98
80) Butylbenzylphthalate	21.017	149	100564	43.278	ng	96
81) Benzo(a)anthracene	22.069	228	276397	40.912	ng	97
82) 3,3'-Dichlorobenzidine	21.969	252	76449	33.511	ng	97
83) Chrysene	22.145	228	256105	40.487	ng	98
84) Bis(2-ethylhexyl)phtha...	21.922	149	140072	41.629	ng	96
85) Di-n-octyl phthalate	23.238	149	235943	41.611	ng	99
87) Indeno(1,2,3-cd)pyrene	29.752	276	323445	41.418	ng	97
88) Benzo(b)fluoranthene	24.507	252	284174	43.006	ng	99
89) Benzo(k)fluoranthene	24.577	252	274263	41.576	ng	99
90) Benzo(a)pyrene	25.470	252	247917	38.181	ng	99
91) Dibenzo(a,h)anthracene	29.811	278	274621	42.781	ng	97
92) Benzo(g,h,i)perylene	31.039	276	259982	41.362	ng	98

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

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