

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070622\
 Data File : BG054214.D
 Acq On : 6 Jul 2022 10:47
 Operator : CG/JU
 Sample : PB146026BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB146026BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/07/2022
 Supervised By : Jagrut Upadhyay 07/07/2022

Quant Time: Jul 06 14:16:23 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	20768	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	91060	20.000	ng	0.00
39) Acenaphthene-d10	14.696	164	77261	20.000	ng	0.00
64) Phenanthrene-d10	17.440	188	207188	20.000	ng	# 0.00
76) Chrysene-d12	21.717	240	228910	20.000	ng	0.00
86) Perylene-d12	24.972	264	240966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	150876	138.897	ng	0.00
7) Phenol-d6	7.234	99	211451	143.496	ng	0.00
23) Nitrobenzene-d5	9.232	82	135716	83.755	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	177796	143.230	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	422361	79.493	ng	0.00
79) Terphenyl-d14	20.042	244	1021938	89.916	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.515	88	11377	23.959	ng	# 91
3) Pyridine	3.914	79	33498	26.436	ng	93
4) n-Nitrosodimethylamine	3.826	42	22112	39.672	ng	# 96
6) Aniline	7.387	93	74114	42.422	ng	100
8) 2-Chlorophenol	7.633	128	56288	48.531	ng	93
9) Benzaldehyde	7.199	77	30195	34.720	ng	# 80
10) Phenol	7.263	94	73000	48.882	ng	96
11) bis(2-Chloroethyl)ether	7.481	93	48101	41.964	ng	95
12) 1,3-Dichlorobenzene	7.957	146	56487	38.868	ng	93
13) 1,4-Dichlorobenzene	8.103	146	58318	39.947	ng	96
14) 1,2-Dichlorobenzene	8.421	146	56369	40.222	ng	95
15) Benzyl Alcohol	8.303	79	54103m	49.124	ng	
16) 2,2'-oxybis(1-Chloropr...	8.591	45	71072	41.477	ng	95
17) 2-Methylphenol	8.515	107	51093	49.250	ng	91
18) Hexachloroethane	9.155	117	19647	40.568	ng	# 76
19) n-Nitroso-di-n-propyla...	8.867	70	45028	45.483	ng	96
20) 3+4-Methylphenols	8.838	107	71661	49.256	ng	94
22) Acetophenone	8.885	105	86039	38.871	ng	# 98
24) Nitrobenzene	9.273	77	62962	39.458	ng	# 81
25) Isophorone	9.796	82	128466	42.450	ng	# 94
26) 2-Nitrophenol	9.984	139	33526	47.569	ng	# 83
27) 2,4-Dimethylphenol	10.042	122	60171	52.747	ng	91
28) bis(2-Chloroethoxy)met...	10.272	93	72892	44.711	ng	# 96
29) 2,4-Dichlorophenol	10.530	162	74728	48.859	ng	89
30) 1,2,4-Trichlorobenzene	10.742	180	72229	38.139	ng	95
31) Naphthalene	10.924	128	177013	38.507	ng	99
32) Benzoic acid	10.195	122	26905	52.694	ng	# 83
33) 4-Chloroaniline	11.029	127	71289	37.381	ng	94
34) Hexachlorobutadiene	11.212	225	54701	37.569	ng	98
35) Caprolactam	11.799	113	24163m	57.387	ng	
36) 4-Chloro-3-methylphenol	12.158	107	77127	51.874	ng	# 85
37) 2-Methylnaphthalene	12.528	142	142275	41.832	ng	97
38) 1-Methylnaphthalene	12.745	142	135192	40.823	ng	100
40) 1,2,4,5-Tetrachloroben...	12.898	216	112321	37.729	ng	# 96
41) Hexachlorocyclopentadiene	12.874	237	87484	63.109	ng	95
43) 2,4,6-Trichlorophenol	13.133	196	73349	43.862	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.209	196	81455	43.624	ng	# 94
46) 1,1'-Biphenyl	13.527	154	214765	39.907	ng	98
47) 2-Chloronaphthalene	13.574	162	172429	39.590	ng	96
48) 2-Nitroaniline	13.773	65	55811	48.172	ng	92
49) Acenaphthylene	14.420	152	276193	40.781	ng	99
50) Dimethylphthalate	14.143	163	248728	42.271	ng	99
51) 2,6-Dinitrotoluene	14.261	165	55558	46.733	ng	# 75
52) Acenaphthene	14.760	154	197449m	45.738	ng	
53) 3-Nitroaniline	14.596	138	43324	37.616	ng	91
54) 2,4-Dinitrophenol	14.807	184	59307	89.493	ng	# 77
55) Dibenzofuran	15.089	168	290618	41.783	ng	95
56) 4-Nitrophenol	14.913	139	78272	95.722	ng	# 84
57) 2,4-Dinitrotoluene	15.054	165	83586	49.784	ng	# 82
58) Fluorene	15.742	166	241230	42.241	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.319	232	81000	44.359	ng	# 90
60) Diethylphthalate	15.501	149	251149	44.074	ng	96
61) 4-Chlorophenyl-phenyle...	15.724	204	147954	43.275	ng	# 89
62) 4-Nitroaniline	15.759	138	54463	45.343	ng	# 78
63) Azobenzene	16.018	77	194012	42.298	ng	91
65) 4,6-Dinitro-2-methylph...	15.824	198	50431	48.789	ng	82
66) n-Nitrosodiphenylamine	15.941	169	224543	41.584	ng	97
67) 4-Bromophenyl-phenylether	16.623	248	110125	42.557	ng	# 91
68) Hexachlorobenzene	16.752	284	124921	42.203	ng	# 90
69) Atrazine	16.887	200	108673	48.583	ng	94
70) Pentachlorophenol	17.093	266	115303	83.858	ng	95
71) Phenanthrene	17.481	178	430086	40.404	ng	97
72) Anthracene	17.575	178	440044	42.333	ng	100
73) Carbazole	17.839	167	388712	43.566	ng	98
74) Di-n-butylphthalate	18.391	149	452789	43.891	ng	# 97
75) Fluoranthene	19.490	202	580579	41.548	ng	97
77) Benzidine	19.660	184	312546	65.931	ng	98
78) Pyrene	19.849	202	586809	42.444	ng	97
80) Butylbenzylphthalate	20.730	149	203062	45.822	ng	87
81) Benzo(a)anthracene	21.699	228	610255	41.174	ng	98
82) 3,3'-Dichlorobenzidine	21.605	252	193596	43.719	ng	97
83) Chrysene	21.764	228	574180	40.641	ng	98
84) Bis(2-ethylhexyl)phtha...	21.594	149	289359	45.655	ng	# 94
85) Di-n-octyl phthalate	22.816	149	491355	45.105	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.720	276	711898	39.149	ng	# 95
88) Benzo(b)fluoranthene	23.944	252	631198	43.081	ng	100
89) Benzo(k)fluoranthene	24.008	252	623159	42.958	ng	98
90) Benzo(a)pyrene	24.825	252	565405	45.738	ng	100
91) Dibenzo(a,h)anthracene	28.773	278	639054	42.498	ng	98
92) Benzo(g,h,i)perylene	29.890	276	615926	41.506	ng	95

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

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