

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110121\
 Data File : BG050797.D
 Acq On : 1 Nov 2021 13:45
 Operator : CG/JU
 Sample : PB140358BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB140358BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
 Supervised By :mohammad ahmed 11/03/2021

Quant Time: Nov 01 14:43:52 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 01 12:35:42 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	37196	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	171731	20.000	ng	# 0.00
39) Acenaphthene-d10	14.862	164	113285	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	251463	20.000	ng	# 0.00
76) Chrysene-d12	21.907	240	206063	20.000	ng	# 0.00
86) Perylene-d12	25.309	264	202742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	330946	133.063	ng	0.00
7) Phenol-d6	7.389	99	442690	122.938	ng	0.00
23) Nitrobenzene-d5	9.410	82	303728	73.214	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	131875	122.045	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	572772	76.095	ng	0.00
79) Terphenyl-d14	20.192	244	922332	87.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.629	88	35300	27.404	ng	88
3) Pyridine	4.040	79	91657	26.047	ng	# 91
4) n-Nitrosodimethylamine	3.952	42	64527	38.912	ng	# 43
6) Aniline	7.559	93	194924	46.591	ng	96
8) 2-Chlorophenol	7.800	128	117599	49.109	ng	87
9) Benzaldehyde	7.371	77	97082	43.153	ng	91
10) Phenol	7.412	94	167562	47.859	ng	84
11) bis(2-Chloroethyl)ether	7.647	93	120288	44.018	ng	88
12) 1,3-Dichlorobenzene	8.123	146	120672	43.654	ng	94
13) 1,4-Dichlorobenzene	8.276	146	122493	43.954	ng	97
14) 1,2-Dichlorobenzene	8.593	146	120348	45.212	ng	95
15) Benzyl Alcohol	8.476	79	127427	44.780	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.758	45	194256	43.588	ng	86
17) 2-Methylphenol	8.676	107	112039	48.634	ng	91
18) Hexachloroethane	9.328	117	47528	45.061	ng	92
19) n-Nitroso-di-n-propyla...	9.040	70	113618	43.290	ng	89
20) 3+4-Methylphenols	9.005	107	154809	47.742	ng	94
22) Acetophenone	9.063	105	194223	39.781	ng	# 97
24) Nitrobenzene	9.457	77	163057	39.530	ng	92
25) Isophorone	9.974	82	289327	39.320	ng	# 95
26) 2-Nitrophenol	10.168	139	68397	45.158	ng	# 88
27) 2,4-Dimethylphenol	10.215	122	121253	46.336	ng	90
28) bis(2-Chloroethoxy)met...	10.450	93	162858	38.708	ng	92
29) 2,4-Dichlorophenol	10.709	162	113783	42.661	ng	95
30) 1,2,4-Trichlorobenzene	10.920	180	118987	39.273	ng	96
31) Naphthalene	11.114	128	375858	40.889	ng	98
32) Benzoic acid	10.362	122	60153	30.973	ng	# 81
33) 4-Chloroaniline	11.220	127	157035	40.717	ng	96
34) Hexachlorobutadiene	11.384	225	71383	37.529	ng	94
35) Caprolactam	12.001	113	44960m	44.045	ng	
36) 4-Chloro-3-methylphenol	12.324	107	142366	42.705	ng	# 92
37) 2-Methylnaphthalene	12.700	142	266366	41.997	ng	92
38) 1-Methylnaphthalene	12.924	142	246418	40.067	ng	95
40) 1,2,4,5-Tetrachloroben...	13.065	216	132769	39.688	ng	98
41) Hexachlorocyclopentadiene	13.035	237	122628	63.426	ng	93
43) 2,4,6-Trichlorophenol	13.300	196	95252	40.406	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.376	196	104628	42.451	ng	93
46) 1,1'-Biphenyl	13.699	154	327732	39.662	ng	94
47) 2-Chloronaphthalene	13.746	162	264843	41.742	ng	99
48) 2-Nitroaniline	13.946	65	109074	43.215	ng	90
49) Acenaphthylene	14.586	152	436420	41.979	ng	97
50) Dimethylphthalate	14.304	163	356703	41.657	ng	99
51) 2,6-Dinitrotoluene	14.434	165	77725	45.318	ng	85
52) Acenaphthene	14.927	154	304549m	45.588	ng	
53) 3-Nitroaniline	14.768	138	84923	41.860	ng	94
54) 2,4-Dinitrophenol	14.974	184	81690	76.777	ng	87
55) Dibenzofuran	15.256	168	417420	40.400	ng	96
56) 4-Nitrophenol	15.068	139	136217	83.471	ng	# 79
57) 2,4-Dinitrotoluene	15.221	165	114710	47.451	ng	94
58) Fluorene	15.908	166	334342	42.129	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.479	232	86261m	40.179	ng	
60) Diethylphthalate	15.656	149	380924	42.340	ng	98
61) 4-Chlorophenyl-phenyle...	15.891	204	176048	40.542	ng	97
62) 4-Nitroaniline	15.926	138	91916	43.548	ng	# 63
63) Azobenzene	16.184	77	418636	40.197	ng	82
65) 4,6-Dinitro-2-methylph...	15.985	198	58812	38.939	ng	90
66) n-Nitrosodiphenylamine	16.102	169	304421	42.606	ng	97
67) 4-Bromophenyl-phenylether	16.784	248	106708	42.111	ng	99
68) Hexachlorobenzene	16.907	284	109195	43.358	ng	# 93
69) Atrazine	17.048	200	123948	44.037	ng	98
70) Pentachlorophenol	17.254	266	122157	71.252	ng	96
71) Phenanthrene	17.647	178	560573	42.304	ng	98
72) Anthracene	17.741	178	574327	43.616	ng	98
73) Carbazole	18.006	167	531680	40.513	ng	99
74) Di-n-butylphthalate	18.541	149	666609	43.282	ng	# 97
75) Fluoranthene	19.645	202	662828	40.692	ng	95
77) Benzidine	19.821	184	552319	82.698	ng	97
78) Pyrene	20.009	202	659988	45.142	ng	97
80) Butylbenzylphthalate	20.873	149	283556	45.853	ng	96
81) Benzo(a)anthracene	21.884	228	589366	43.225	ng	100
82) 3,3'-Dichlorobenzidine	21.790	252	204159	45.180	ng	# 98
83) Chrysene	21.954	228	571249	44.540	ng	96
84) Bis(2-ethylhexyl)phtha...	21.754	149	409363	46.589	ng	# 96
85) Di-n-octyl phthalate	23.023	149	688667	46.991	ng	98
87) Indeno(1,2,3-cd)pyrene	29.240	276	642741	45.517	ng	# 88
88) Benzo(b)fluoranthene	24.228	252	591334	47.625	ng	# 94
89) Benzo(k)fluoranthene	24.298	252	576372	47.185	ng	# 97
90) Benzo(a)pyrene	25.150	252	571299	54.116	ng	# 95
91) Dibenzo(a,h)anthracene	29.304	278	540182	46.249	ng	# 92
92) Benzo(g,h,i)perylene	30.468	276	529092	46.252	ng	# 89

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

