

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070822\
 Data File : BG054244.D
 Acq On : 8 Jul 2022 13:06
 Operator : CG/JU
 Sample : PB146089BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB146089BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/11/2022

Supervised By :mohammad ahmed 07/11/2022

Quant Time: Jul 08 13:53:42 2022

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 08 13:46:14 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	19144	20.000	ng	0.00
21) Naphthalene-d8	10.874	136	81817	20.000	ng	# 0.00
39) Acenaphthene-d10	14.693	164	68670	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	194575	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	215066	20.000	ng	# 0.00
86) Perylene-d12	24.963	264	226418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	138877	138.696	ng	0.00
7) Phenol-d6	7.231	99	190759	140.435	ng	0.00
23) Nitrobenzene-d5	9.223	82	120538	82.792	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	178156	161.475	ng	0.00
45) 2-Fluorobiphenyl	13.312	172	388058	82.174	ng	0.00
79) Terphenyl-d14	20.039	244	973039	91.125	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.512	88	10253	23.424	ng	# 90
3) Pyridine	3.911	79	32317	27.668	ng	94
4) n-Nitrosodimethylamine	3.823	42	21809	42.448	ng	# 92
6) Aniline	7.384	93	66801	41.479	ng	98
8) 2-Chlorophenol	7.630	128	52644	49.240	ng	88
9) Benzaldehyde	7.196	77	28274m	35.269	ng	
10) Phenol	7.260	94	64249	46.672	ng	97
11) bis(2-Chloroethyl)ether	7.472	93	43257	40.939	ng	92
12) 1,3-Dichlorobenzene	7.953	146	52506	39.193	ng	92
13) 1,4-Dichlorobenzene	8.100	146	54564	40.546	ng	96
14) 1,2-Dichlorobenzene	8.418	146	53721	41.585	ng	100
15) Benzyl Alcohol	8.300	79	50401m	49.645	ng	
16) 2,2'-oxybis(1-Chloropr...	8.588	45	60350	38.208	ng	96
17) 2-Methylphenol	8.506	107	44914	46.967	ng	95
18) Hexachloroethane	9.146	117	18604	41.673	ng	# 70
19) n-Nitroso-di-n-propyla...	8.864	70	38241	41.905	ng	# 94
20) 3+4-Methylphenols	8.835	107	65346	48.725	ng	93
22) Acetophenone	8.888	105	78122	39.282	ng	96
24) Nitrobenzene	9.270	77	58838	41.039	ng	# 85
25) Isophorone	9.792	82	113699	41.815	ng	# 95
26) 2-Nitrophenol	9.980	139	31504	49.750	ng	# 82
27) 2,4-Dimethylphenol	10.045	122	52432	51.156	ng	90
28) bis(2-Chloroethoxy)met...	10.268	93	63068	43.055	ng	# 97
29) 2,4-Dichlorophenol	10.527	162	67336	48.999	ng	89
30) 1,2,4-Trichlorobenzene	10.738	180	69250	40.697	ng	# 95
31) Naphthalene	10.921	128	159382	38.588	ng	99
32) Benzoic acid	10.204	122	20648m	46.654	ng	
33) 4-Chloroaniline	11.032	127	60910	35.547	ng	92
34) Hexachlorobutadiene	11.208	225	55091	42.111	ng	94
35) Caprolactam	11.802	113	20006m	52.882	ng	
36) 4-Chloro-3-methylphenol	12.154	107	67153	50.268	ng	# 84
37) 2-Methylnaphthalene	12.525	142	127343	41.671	ng	98
38) 1-Methylnaphthalene	12.742	142	121892	40.965	ng	97
40) 1,2,4,5-Tetrachloroben...	12.895	216	109375	41.336	ng	# 96
41) Hexachlorocyclopentadiene	12.871	237	79719	64.702	ng	95
43) 2,4,6-Trichlorophenol	13.130	196	69391	46.686	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	76528	46.113	ng	# 89
46) 1,1'-Biphenyl	13.523	154	191896	40.118	ng	98
47) 2-Chloronaphthalene	13.570	162	155218	40.097	ng	96
48) 2-Nitroaniline	13.770	65	48765	47.356	ng	# 84
49) Acenaphthylene	14.416	152	246119	40.887	ng	100
50) Dimethylphthalate	14.140	163	227262	43.455	ng	98
51) 2,6-Dinitrotoluene	14.264	165	52087	49.295	ng	# 74
52) Acenaphthene	14.757	154	181018m	47.177	ng	
53) 3-Nitroaniline	14.593	138	38165	37.282	ng	85
54) 2,4-Dinitrophenol	14.810	184	54563	92.387	ng	# 77
55) Dibenzofuran	15.086	168	264767	42.828	ng	96
56) 4-Nitrophenol	14.916	139	66601	91.638	ng	90
57) 2,4-Dinitrotoluene	15.051	165	78154	52.372	ng	# 84
58) Fluorene	15.738	166	220386	43.419	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.321	232	76604	47.200	ng	# 89
60) Diethylphthalate	15.498	149	227982	45.014	ng	97
61) 4-Chlorophenyl-phenyle...	15.727	204	141027	46.409	ng	# 88
62) 4-Nitroaniline	15.756	138	47415	44.414	ng	# 84
63) Azobenzene	16.015	77	172554	42.326	ng	89
65) 4,6-Dinitro-2-methylph...	15.821	198	47540	48.973	ng	78
66) n-Nitrosodiphenylamine	15.938	169	207475	40.914	ng	96
67) 4-Bromophenyl-phenylether	16.620	248	106809	43.952	ng	# 91
68) Hexachlorobenzene	16.749	284	122944	44.227	ng	# 91
69) Atrazine	16.884	200	101491	48.313	ng	94
70) Pentachlorophenol	17.090	266	104336	80.801	ng	94
71) Phenanthrene	17.478	178	398651	39.878	ng	97
72) Anthracene	17.572	178	405923	41.582	ng	98
73) Carbazole	17.836	167	343999	41.054	ng	99
74) Di-n-butylphthalate	18.388	149	406893	41.999	ng	# 98
75) Fluoranthene	19.487	202	538001	40.997	ng	96
77) Benzidine	19.657	184	265528	59.618	ng	97
78) Pyrene	19.851	202	533951	41.107	ng	98
80) Butylbenzylphthalate	20.727	149	177636	42.665	ng	# 86
81) Benzo(a)anthracene	21.690	228	575258	41.311	ng	99
82) 3,3'-Dichlorobenzidine	21.602	252	187811	45.143	ng	# 99
83) Chrysene	21.761	228	533788	40.215	ng	98
84) Bis(2-ethylhexyl)phtha...	21.590	149	256048	42.999	ng	# 93
85) Di-n-octyl phthalate	22.807	149	433364	42.343	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.711	276	695726	40.718	ng	# 97
88) Benzo(b)fluoranthene	23.935	252	606102	44.026	ng	99
89) Benzo(k)fluoranthene	24.005	252	591960	43.429	ng	# 99
90) Benzo(a)pyrene	24.816	252	539052	46.408	ng	99
91) Dibenzo(a,h)anthracene	28.758	278	592774	41.954	ng	96
92) Benzo(g,h,i)perylene	29.869	276	596759	42.798	ng	# 95

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

