

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050422\
 Data File : BG053427.D
 Acq On : 4 May 2022 12:17
 Operator : CG/JU
 Sample : PB144537BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB144537BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022

Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 04 18:08:20 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 04 18:06:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	26502	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	108180	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	77931	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	190313	20.000	ng	0.00
76) Chrysene-d12	21.757	240	190473	20.000	ng	0.00
86) Perylene-d12	25.046	264	203728	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	222272	143.768	ng	0.00
7) Phenol-d6	7.264	99	318786	133.710	ng	0.00
23) Nitrobenzene-d5	9.268	82	216372	81.211	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	150701	121.548	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	468305	82.862	ng	0.00
79) Terphenyl-d14	20.077	244	936376	83.027	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	31005	41.994	ng	# 91
3) Pyridine	3.945	79	75007	38.519	ng	# 87
4) n-Nitrosodimethylamine	3.857	42	48453	50.246	ng	88
6) Aniline	7.423	93	113183	40.963	ng	97
8) 2-Chlorophenol	7.670	128	82922	49.681	ng	96
9) Benzaldehyde	7.235	77	60758m	42.633	ng	
10) Phenol	7.294	94	115278	48.575	ng	91
11) bis(2-Chloroethyl)ether	7.511	93	78751	46.034	ng	88
12) 1,3-Dichlorobenzene	7.993	146	89167m	45.974	ng	
13) 1,4-Dichlorobenzene	8.134	146	91900	46.478	ng	97
14) 1,2-Dichlorobenzene	8.457	146	89247	46.806	ng	98
15) Benzyl Alcohol	8.339	79	96028m	45.314	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	129238	45.250	ng	99
17) 2-Methylphenol	8.545	107	78610	48.950	ng	96
18) Hexachloroethane	9.185	117	33773	45.548	ng	97
19) n-Nitroso-di-n-propyla...	8.903	70	75585	43.304	ng	94
20) 3+4-Methylphenols	8.874	107	106378	46.924	ng	93
22) Acetophenone	8.921	105	130746	43.564	ng	94
24) Nitrobenzene	9.309	77	117767	45.444	ng	91
25) Isophorone	9.832	82	206140	45.520	ng	99
26) 2-Nitrophenol	10.020	139	47603	43.928	ng	# 90
27) 2,4-Dimethylphenol	10.078	122	81172	52.302	ng	91
28) bis(2-Chloroethoxy)met...	10.307	93	112227	44.112	ng	100
29) 2,4-Dichlorophenol	10.566	162	87862	45.033	ng	97
30) 1,2,4-Trichlorobenzene	10.777	180	94172	42.646	ng	97
31) Naphthalene	10.965	128	252866	43.812	ng	99
32) Benzoic acid	10.249	122	37800m	38.223	ng	
33) 4-Chloroaniline	11.071	127	78261	31.664	ng	96
34) Hexachlorobutadiene	11.247	225	69575	42.415	ng	98
35) Caprolactam	11.841	113	28182m	40.979	ng	
36) 4-Chloro-3-methylphenol	12.193	107	100823	44.387	ng	90
37) 2-Methylnaphthalene	12.563	142	182516	42.737	ng	96
38) 1-Methylnaphthalene	12.781	142	178200	42.747	ng	99
40) 1,2,4,5-Tetrachloroben...	12.927	216	117510	44.397	ng	98
41) Hexachlorocyclopentadiene	12.910	237	125121	91.574	ng	95
43) 2,4,6-Trichlorophenol	13.168	196	78529	43.032	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	85594	44.015	ng	94
46) 1,1'-Biphenyl	13.562	154	249805	44.512	ng	99
47) 2-Chloronaphthalene	13.609	162	197255	44.055	ng	97
48) 2-Nitroaniline	13.809	65	76786	45.190	ng	96
49) Acenaphthylene	14.449	152	333662	47.605	ng	98
50) Dimethylphthalate	14.173	163	273767	43.921	ng	98
51) 2,6-Dinitrotoluene	14.296	165	59487	45.746	ng	# 81
52) Acenaphthene	14.790	154	233454m	49.116	ng	
53) 3-Nitroaniline	14.631	138	47674	34.672	ng	94
54) 2,4-Dinitrophenol	14.842	184	64874	78.407	ng	# 91
55) Dibenzofuran	15.124	168	320177	43.019	ng	99
56) 4-Nitrophenol	14.948	139	88936	84.807	ng	# 75
57) 2,4-Dinitrotoluene	15.089	165	84793	45.801	ng	90
58) Fluorene	15.771	166	266570	44.346	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.354	232	81614	43.216	ng	98
60) Diethylphthalate	15.530	149	284563	43.572	ng	99
61) 4-Chlorophenyl-phenyle...	15.759	204	146225	42.912	ng	96
62) 4-Nitroaniline	15.794	138	63717	43.914	ng	# 81
63) Azobenzene	16.053	77	286067	43.445	ng	97
65) 4,6-Dinitro-2-methylph...	15.853	198	50308	37.889	ng	90
66) n-Nitrosodiphenylamine	15.976	169	240333	43.914	ng	98
67) 4-Bromophenyl-phenylether	16.652	248	103248	42.340	ng	94
68) Hexachlorobenzene	16.787	284	116111	43.967	ng	97
69) Atrazine	16.916	200	103327	48.334	ng	93
70) Pentachlorophenol	17.128	266	118647	82.205	ng	91
71) Phenanthrene	17.515	178	460161	44.266	ng	97
72) Anthracene	17.603	178	461987	44.860	ng	99
73) Carbazole	17.874	167	426846	42.639	ng	99
74) Di-n-butylphthalate	18.420	149	499736	44.016	ng	98
75) Fluoranthene	19.518	202	596494	44.765	ng	100
77) Benzidine	19.695	184	283417	52.151	ng	99
78) Pyrene	19.883	202	589389	43.448	ng	99
80) Butylbenzylphthalate	20.758	149	221516	43.800	ng	98
81) Benzo(a)anthracene	21.739	228	586126	45.006	ng	99
82) 3,3'-Dichlorobenzidine	21.645	252	166190	34.699	ng	98
83) Chrysene	21.804	228	531683	43.990	ng	98
84) Bis(2-ethylhexyl)phtha...	21.622	149	316936	46.362	ng	98
85) Di-n-octyl phthalate	22.855	149	539349	47.174	ng	96
87) Indeno(1,2,3-cd)pyrene	28.829	276	665314	43.956	ng	98
88) Benzo(b)fluoranthene	24.001	252	616796	47.985	ng	99
89) Benzo(k)fluoranthene	24.071	252	582343	46.096	ng	100
90) Benzo(a)pyrene	24.894	252	594759	54.313	ng	98
91) Dibenzo(a,h)anthracene	28.882	278	568764	45.656	ng	97
92) Benzo(g,h,i)perylene	29.998	276	571032	46.506	ng	99

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

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