

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
 Data File : BG056464.D
 Acq On : 27 Jan 2023 21:12
 Operator : CG/JU
 Sample : PB150335BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB150335BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 28 01:12:45 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jan 28 00:39:13 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	38091	20.000	ng	0.00
21) Naphthalene-d8	11.114	136	173529	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	158318	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	402756	20.000	ng	# 0.00
76) Chrysene-d12	21.931	240	403407	20.000	ng	0.00
86) Perylene-d12	25.351	264	377476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	327654	158.238	ng	0.00
7) Phenol-d6	7.431	99	464066	151.260	ng	0.00
23) Nitrobenzene-d5	9.458	82	240686	78.761	ng	0.00
42) 2,4,6-Tribromophenol	16.385	330	265616	126.199	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	861738	75.464	ng	0.00
79) Terphenyl-d14	20.216	244	1763268	76.770	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	24910	28.891	ng	# 96
3) Pyridine	4.017	79	68543	26.669	ng	98
4) n-Nitrosodimethylamine	3.929	42	21603	39.525	ng	94
6) Aniline	7.595	93	142102	35.376	ng	99
8) 2-Chlorophenol	7.842	128	114004	50.118	ng	99
9) Benzaldehyde	7.407	77	14613m	8.046	ng	
10) Phenol	7.454	94	158956	50.976	ng	98
11) bis(2-Chloroethyl)ether	7.683	93	93350	43.554	ng	96
12) 1,3-Dichlorobenzene	8.165	146	115330	44.036	ng	99
13) 1,4-Dichlorobenzene	8.312	146	119263	44.965	ng	97
14) 1,2-Dichlorobenzene	8.641	146	117864	45.802	ng	95
15) Benzyl Alcohol	8.518	79	104663	49.722	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.805	45	19585	43.126	ng	97
17) 2-Methylphenol	8.723	107	112300	47.339	ng	99
18) Hexachloroethane	9.375	117	34893	43.496	ng	95
19) n-Nitroso-di-n-propyla...	9.087	70	78566	44.437	ng	97
20) 3+4-Methylphenols	9.052	107	156577	47.098	ng	98
22) Acetophenone	9.111	105	182506	39.583	ng	# 98
24) Nitrobenzene	9.499	77	116362	39.476	ng	98
25) Isophorone	10.022	82	245169	38.889	ng	99
26) 2-Nitrophenol	10.216	139	74113	41.440	ng	97
27) 2,4-Dimethylphenol	10.263	122	127615m	42.637	ng	
28) bis(2-Chloroethoxy)met...	10.492	93	137378	39.445	ng	96
29) 2,4-Dichlorophenol	10.756	162	150839	44.772	ng	99
30) 1,2,4-Trichlorobenzene	10.973	180	149764	40.003	ng	99
31) Naphthalene	11.161	128	360282	39.337	ng	98
32) Benzoic acid	10.427	122	75456m	45.061	ng	
33) 4-Chloroaniline	11.267	127	139533	32.637	ng	97
34) Hexachlorobutadiene	11.438	225	106971	40.705	ng	99
35) Caprolactam	12.049	113	49893m	43.911	ng	
36) 4-Chloro-3-methylphenol	12.372	107	146064	44.893	ng	97
37) 2-Methylnaphthalene	12.748	142	295906	39.189	ng	98
38) 1-Methylnaphthalene	12.965	142	281311	39.891	ng	97
40) 1,2,4,5-Tetrachloroben...	13.112	216	218469	37.772	ng	99
41) Hexachlorocyclopentadiene	13.083	237	224203	73.672	ng	97
43) 2,4,6-Trichlorophenol	13.347	196	151991	40.778	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.424	196	165198	37.855	ng	97
46) 1,1'-Biphenyl	13.735	154	442346	38.521	ng	100
47) 2-Chloronaphthalene	13.788	162	346996	38.660	ng	99
48) 2-Nitroaniline	13.982	65	71796	38.694	ng	91
49) Acenaphthylene	14.628	152	544820	37.308	ng	98
50) Dimethylphthalate	14.346	163	490057	38.261	ng	100
51) 2,6-Dinitrotoluene	14.469	165	108774	38.942	ng	98
52) Acenaphthene	14.963	154	327827	37.856	ng	100
53) 3-Nitroaniline	14.804	138	85563	31.597	ng	98
54) 2,4-Dinitrophenol	15.016	184	158752	90.658	ng	95
55) Dibenzofuran	15.298	168	588578	37.898	ng	99
56) 4-Nitrophenol	15.110	139	157387	85.059	ng	99
57) 2,4-Dinitrotoluene	15.257	165	155473	39.516	ng	100
58) Fluorene	15.944	166	479978	38.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.521	232	156155	40.245	ng	98
60) Diethylphthalate	15.691	149	457819	38.065	ng	99
61) 4-Chlorophenyl-phenylether	15.921	204	292261	38.758	ng	97
62) 4-Nitroaniline	15.968	138	99965	36.893	ng	97
63) Azobenzene	16.214	77	316837	38.285	ng	98
65) 4,6-Dinitro-2-methylph...	16.020	198	109401	38.636	ng	99
66) n-Nitrosodiphenylamine	16.138	169	442779	38.829	ng	99
67) 4-Bromophenyl-phenylether	16.814	248	204444	39.652	ng	97
68) Hexachlorobenzene	16.949	284	207522	41.094	ng	99
69) Atrazine	17.072	200	180156	40.952	ng	99
70) Pentachlorophenol	17.290	266	231016	75.604	ng	99
71) Phenanthrene	17.683	178	828397	39.299	ng	99
72) Anthracene	17.771	178	824458	38.101	ng	98
73) Carbazole	18.036	167	731286	39.680	ng	99
74) Di-n-butylphthalate	18.565	149	749274	38.720	ng	99
75) Fluoranthene	19.675	202	1043653	39.228	ng	99
77) Benzidine	19.840	184	353308	32.364	ng	98
78) Pyrene	20.033	202	1051826	36.660	ng	99
80) Butylbenzylphthalate	20.891	149	321900	36.737	ng	98
81) Benzo(a)anthracene	21.908	228	1060770	37.612	ng	100
82) 3,3'-Dichlorobenzidine	21.808	252	381798	37.593	ng	100
83) Chrysene	21.978	228	989028	37.327	ng	100
84) Bis(2-ethylhexyl)phtha...	21.767	149	463149	36.867	ng	99
85) Di-n-octyl phthalate	23.042	149	768223	36.719	ng	100
87) Indeno(1,2,3-cd)pyrene	29.311	276	1201910	43.497	ng	99
88) Benzo(b)fluoranthene	24.264	252	1135789	48.477	ng	99
89) Benzo(k)fluoranthene	24.334	252	1062461	44.914	ng	99
90) Benzo(a)pyrene	25.198	252	974695	42.232	ng	98
91) Dibenzo(a,h)anthracene	29.364	278	1065815	45.952	ng	98
92) Benzo(g,h,i)perylene	30.551	276	1032562	46.138	ng	99

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

