

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057054.D
 Acq On : 11 Apr 2023 15:31
 Operator : CG/JU
 Sample : PB152037BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB152037BS

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

04/12/2023

Supervised By :Jagrut

Upadhyay

04/12/2023

Quant Time: Apr 12 04:40:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	16935	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	66974	20.000	ng	# 0.00
39) Acenaphthene-d10	15.022	164	45302	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	108914	20.000	ng	# 0.00
76) Chrysene-d12	22.083	240	97606	20.000	ng	0.00
86) Perylene-d12	25.613	264	104090	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	160009	151.217	ng	0.00
7) Phenol-d6	7.544	99	217823	137.638	ng	0.00
23) Nitrobenzene-d5	9.588	82	138666	84.718	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	101124	139.729	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	306066	91.614	ng	0.00
79) Terphenyl-d14	20.326	244	571594	99.095	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.725	88	16949	36.540	ng	100
3) Pyridine	4.148	79	50067	33.512	ng	96
4) n-Nitrosodimethylamine	4.060	42	28442	41.407	ng	95
6) Aniline	7.720	93	71345	35.264	ng	95
8) 2-Chlorophenol	7.967	128	51800	49.148	ng	95
9) Benzaldehyde	7.532	77	36312	36.582	ng	96
10) Phenol	7.573	94	73512	46.879	ng	95
11) bis(2-Chloroethyl)ether	7.808	93	51040	45.693	ng	98
12) 1,3-Dichlorobenzene	8.296	146	57131	49.057	ng	96
13) 1,4-Dichlorobenzene	8.443	146	57229	48.690	ng	97
14) 1,2-Dichlorobenzene	8.772	146	56184	49.477	ng	91
15) Benzyl Alcohol	8.642	79	56692	43.112	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.924	45	61293	45.531	ng	98
17) 2-Methylphenol	8.842	107	48524	43.373	ng	93
18) Hexachloroethane	9.512	117	20716	48.221	ng	92
19) n-Nitroso-di-n-propyla...	9.206	70	44852	39.623	ng	97
20) 3+4-Methylphenols	9.171	107	65333	41.762	ng	98
22) Acetophenone	9.236	105	85440	42.872	ng	# 96
24) Nitrobenzene	9.629	77	69426	41.487	ng	94
25) Isophorone	10.152	82	119551	38.356	ng	98
26) 2-Nitrophenol	10.346	139	29227	45.248	ng	94
27) 2,4-Dimethylphenol	10.387	122	49545	43.443	ng	99
28) bis(2-Chloroethoxy)met...	10.622	93	62980	40.360	ng	99
29) 2,4-Dichlorophenol	10.886	162	51543	42.024	ng	98
30) 1,2,4-Trichlorobenzene	11.104	180	58417	44.826	ng	97
31) Naphthalene	11.298	128	153934	42.167	ng	98
32) Benzoic acid	10.522	122	30058	38.369	ng	92
33) 4-Chloroaniline	11.397	127	41886	25.405	ng	97
34) Hexachlorobutadiene	11.574	225	41268	42.156	ng	91
35) Caprolactam	12.161	113	15978m	37.775	ng	
36) 4-Chloro-3-methylphenol	12.484	107	54587	39.797	ng	96
37) 2-Methylnaphthalene	12.872	142	108699	37.517	ng	98
38) 1-Methylnaphthalene	13.089	142	102691	37.746	ng	99
40) 1,2,4,5-Tetrachloroben...	13.236	216	73425	46.739	ng	97
41) Hexachlorocyclopentadiene	13.207	237	108643	125.519	ng	98
43) 2,4,6-Trichlorophenol	13.465	196	46438	46.323	ng	98

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44) 2,4,5-Trichlorophenol	13.536	196	50623	42.627	ng	96
46) 1,1'-Biphenyl	13.859	154	155458	46.878	ng	99
47) 2-Chloronaphthalene	13.912	162	117889	48.066	ng	98
48) 2-Nitroaniline	14.100	65	38596	44.009	ng	97
49) Acenaphthylene	14.752	152	181670	45.082	ng	99
50) Dimethylphthalate	14.458	163	154388	43.252	ng	99
51) 2,6-Dinitrotoluene	14.581	165	34520	44.760	ng	95
52) Acenaphthene	15.086	154	143309m	51.564	ng	
53) 3-Nitroaniline	14.916	138	24378	31.935	ng	87
54) 2,4-Dinitrophenol	15.122	184	48155	110.933	ng	97
55) Dibenzofuran	15.415	168	180622	43.301	ng	98
56) 4-Nitrophenol	15.210	139	55886	99.004	ng	# 89
57) 2,4-Dinitrotoluene	15.368	165	49425	45.439	ng	91
58) Fluorene	16.062	166	150006	43.458	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.633	232	49173	45.476	ng	99
60) Diethylphthalate	15.803	149	155430	43.436	ng	98
61) 4-Chlorophenyl-phenyle...	16.038	204	86805	42.833	ng	98
62) 4-Nitroaniline	16.073	138	34346	43.426	ng	94
63) Azobenzene	16.332	77	149719	41.983	ng	98
65) 4,6-Dinitro-2-methylph...	16.132	198	34066	51.644	ng	95
66) n-Nitrosodiphenylamine	16.256	169	128306	43.885	ng	100
67) 4-Bromophenyl-phenylether	16.937	248	56977	42.280	ng	94
68) Hexachlorobenzene	17.066	284	64345	48.295	ng	96
69) Atrazine	17.184	200	56850	46.842	ng	96
70) Pentachlorophenol	17.407	266	78879	82.524	ng	96
71) Phenanthrene	17.800	178	248328	44.720	ng	100
72) Anthracene	17.894	178	248997	43.741	ng	99
73) Carbazole	18.159	167	223737	45.080	ng	94
74) Di-n-butylphthalate	18.676	149	262662	45.703	ng	99
75) Fluoranthene	19.792	202	301227	42.793	ng	97
77) Benzidine	19.951	184	163053	61.117	ng	99
78) Pyrene	20.150	202	304539	45.111	ng	99
80) Butylbenzylphthalate	21.008	149	109987	47.345	ng	95
81) Benzo(a)anthracene	22.059	228	299955	44.409	ng	99
82) 3,3'-Dichlorobenzidine	21.954	252	80175	35.152	ng	98
83) Chrysene	22.130	228	277148	43.824	ng	99
84) Bis(2-ethylhexyl)phtha...	21.907	149	154799	46.017	ng	100
85) Di-n-octyl phthalate	23.223	149	262273	46.266	ng	99
87) Indeno(1,2,3-cd)pyrene	29.708	276	346904	45.095	ng	# 96
88) Benzo(b)fluoranthene	24.486	252	312409	47.996	ng	98
89) Benzo(k)fluoranthene	24.562	252	299997	46.166	ng	98
90) Benzo(a)pyrene	25.449	252	270692	42.321	ng	98
91) Dibenzo(a,h)anthracene	29.773	278	292702	46.289	ng	99
92) Benzo(g,h,i)perylene	30.994	276	274338	44.307	ng	97

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

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