

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041422\
 Data File : BG053152.D
 Acq On : 14 Apr 2022 11:35
 Operator : CG/JU
 Sample : PB144099BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB144099BS

Manual Integrations

APPROVED

Reviewed By :Christian
 Giraldo

04/15/2022

Supervised By :Jagrut
 Upadhyay

04/15/2022

Quant Time: Apr 15 02:20:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	29297	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	116564	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	90874	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	217236	20.000	ng	0.00
76) Chrysene-d12	21.777	240	220833	20.000	ng	# 0.00
86) Perylene-d12	25.073	264	225953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	232110	135.809	ng	0.00
7) Phenol-d6	7.285	99	330435	125.374	ng	0.00
23) Nitrobenzene-d5	9.282	82	230145	80.168	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	180333	124.732	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	518141	78.622	ng	0.00
79) Terphenyl-d14	20.091	244	1085934	83.051	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	27870	34.146	ng	# 88
3) Pyridine	3.960	79	74129	34.436	ng	# 88
4) n-Nitrosodimethylamine	3.872	42	46979	44.070	ng	# 83
6) Aniline	7.438	93	113472	37.149	ng	95
8) 2-Chlorophenol	7.684	128	90711	49.163	ng	95
9) Benzaldehyde	7.250	77	58580m	37.184	ng	
10) Phenol	7.308	94	123394	47.035	ng	89
11) bis(2-Chloroethyl)ether	7.532	93	84676	44.775	ng	91
12) 1,3-Dichlorobenzene	8.013	146	94205	43.938	ng	96
13) 1,4-Dichlorobenzene	8.154	146	97631	44.665	ng	97
14) 1,2-Dichlorobenzene	8.477	146	93594	44.403	ng	99
15) Benzyl Alcohol	8.354	79	102638	43.813	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.648	45	135775	43.003	ng	98
17) 2-Methylphenol	8.566	107	82761	46.618	ng	93
18) Hexachloroethane	9.212	117	35821	43.701	ng	97
19) n-Nitroso-di-n-propyla...	8.918	70	81623	42.302	ng	94
20) 3+4-Methylphenols	8.889	107	113649	45.348	ng	94
22) Acetophenone	8.942	105	143508	44.377	ng	# 97
24) Nitrobenzene	9.329	77	123023	44.057	ng	91
25) Isophorone	9.846	82	224086	45.924	ng	97
26) 2-Nitrophenol	10.040	139	51841	44.398	ng	91
27) 2,4-Dimethylphenol	10.099	122	88135	52.704	ng	95
28) bis(2-Chloroethoxy)met...	10.328	93	117037	42.694	ng	99
29) 2,4-Dichlorophenol	10.580	162	97877	46.557	ng	97
30) 1,2,4-Trichlorobenzene	10.792	180	103665	43.569	ng	92
31) Naphthalene	10.986	128	269644	43.359	ng	98
32) Benzoic acid	10.240	122	51001m	46.948	ng	
33) 4-Chloroaniline	11.086	127	75194	28.235	ng	96
34) Hexachlorobutadiene	11.268	225	76568	43.321	ng	98
35) Caprolactam	11.849	113	32812m	44.280	ng	
36) 4-Chloro-3-methylphenol	12.208	107	111787	45.674	ng	92
37) 2-Methylnaphthalene	12.584	142	200922	43.662	ng	97
38) 1-Methylnaphthalene	12.801	142	194153m	43.224	ng	
40) 1,2,4,5-Tetrachloroben...	12.948	216	128269	41.559	ng	99
41) Hexachlorocyclopentadiene	12.930	237	166156	104.287	ng	95
43) 2,4,6-Trichlorophenol	13.183	196	90521	42.539	ng	92

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44) 2,4,5-Trichlorophenol	13.259	196	99884	44.048	ng	97
46) 1,1'-Biphenyl	13.576	154	276477	42.248	ng	98
47) 2-Chloronaphthalene	13.623	162	218785	41.904	ng	96
48) 2-Nitroaniline	13.823	65	86503	43.658	ng	91
49) Acenaphthylene	14.469	152	369677	45.231	ng	99
50) Dimethylphthalate	14.193	163	303979	41.822	ng	99
51) 2,6-Dinitrotoluene	14.311	165	64406	42.475	ng	# 78
52) Acenaphthene	14.810	154	271329m	48.954	ng	
53) 3-Nitroaniline	14.640	138	49995	31.181	ng	93
54) 2,4-Dinitrophenol	14.851	184	87821	91.024	ng	# 89
55) Dibenzofuran	15.139	168	359672	41.443	ng	99
56) 4-Nitrophenol	14.957	139	112038	91.620	ng	# 81
57) 2,4-Dinitrotoluene	15.098	165	97256	45.051	ng	93
58) Fluorene	15.791	166	297836	42.490	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.368	232	92286	41.907	ng	100
60) Diethylphthalate	15.550	149	321521	42.219	ng	100
61) 4-Chlorophenyl-phenyle...	15.773	204	163776	41.217	ng	97
62) 4-Nitroaniline	15.803	138	71675	42.363	ng	87
63) Azobenzene	16.067	77	312902	40.753	ng	97
65) 4,6-Dinitro-2-methylph...	15.867	198	62439	41.198	ng	93
66) n-Nitrosodiphenylamine	15.991	169	271535	43.467	ng	99
67) 4-Bromophenyl-phenylether	16.672	248	120063	43.133	ng	97
68) Hexachlorobenzene	16.801	284	131570	43.646	ng	94
69) Atrazine	16.937	200	119954	49.157	ng	99
70) Pentachlorophenol	17.142	266	156165	94.790	ng	91
71) Phenanthrene	17.530	178	521659	43.963	ng	98
72) Anthracene	17.624	178	523230	44.510	ng	99
73) Carbazole	17.888	167	489558	42.842	ng	100
74) Di-n-butylphthalate	18.435	149	570362	44.010	ng	98
75) Fluoranthene	19.539	202	673937	44.309	ng	99
77) Benzidine	19.709	184	374598	59.453	ng	100
78) Pyrene	19.897	202	674578	42.891	ng	99
80) Butylbenzylphthalate	20.773	149	247128	42.146	ng	98
81) Benzo(a)anthracene	21.754	228	659366	43.670	ng	98
82) 3,3'-Dichlorobenzidine	21.660	252	167820	30.222	ng	99
83) Chrysene	21.824	228	597476	42.637	ng	99
84) Bis(2-ethylhexyl)phtha...	21.642	149	343203	43.302	ng	99
85) Di-n-octyl phthalate	22.881	149	573149	43.239	ng	97
87) Indeno(1,2,3-cd)pyrene	28.862	276	712506	42.444	ng	# 94
88) Benzo(b)fluoranthene	24.027	252	668815	46.914	ng	98
89) Benzo(k)fluoranthene	24.097	252	627630	44.794	ng	98
90) Benzo(a)pyrene	24.926	252	634845	52.272	ng	# 98
91) Dibenzo(a,h)anthracene	28.926	278	622884	45.082	ng	98
92) Benzo(g,h,i)perylene	30.042	276	616650	45.282	ng	98

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

