

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052811.D
 Acq On : 24 Mar 2022 16:22
 Operator : CG/JU
 Sample : PB143535BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143535BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/25/2022
 Supervised By : Jagrut Upadhyay 03/25/2022

Quant Time: Mar 24 17:03:31 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 24 16:48:57 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	40378	20.000	ng	0.00
21) Naphthalene-d8	10.953	136	159324	20.000	ng	0.00
39) Acenaphthene-d10	14.766	164	116536	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	275969	20.000	ng	0.00
76) Chrysene-d12	21.797	240	293160	20.000	ng	0.00
86) Perylene-d12	25.105	264	297710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	309476	133.478	ng	0.00
7) Phenol-d6	7.294	99	440697	126.077	ng	0.00
23) Nitrobenzene-d5	9.303	82	305764	96.322	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	209387	133.714	ng	0.00
45) 2-Fluorobiphenyl	13.391	172	658579	83.348	ng	0.00
79) Terphenyl-d14	20.111	244	1345556	81.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	35743	30.818	ng	89
3) Pyridine	3.986	79	91326	30.718	ng	# 92
4) n-Nitrosodimethylamine	3.892	42	59294	44.957	ng	89
6) Aniline	7.458	93	152685	37.253	ng	97
8) 2-Chlorophenol	7.705	128	113435	46.562	ng	97
9) Benzaldehyde	7.270	77	76056m	39.375	ng	
10) Phenol	7.317	94	154266	44.708	ng	90
11) bis(2-Chloroethyl)ether	7.552	93	109333	41.958	ng	91
12) 1,3-Dichlorobenzene	8.034	146	117270m	39.979	ng	
13) 1,4-Dichlorobenzene	8.181	146	119275	40.471	ng	97
14) 1,2-Dichlorobenzene	8.498	146	115874	41.572	ng	95
15) Benzyl Alcohol	8.374	79	128101	43.525	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.668	45	180817	39.847	ng	97
17) 2-Methylphenol	8.574	107	102894	44.732	ng	96
18) Hexachloroethane	9.238	117	44918	41.540	ng	94
19) n-Nitroso-di-n-propyla...	8.950	70	104833	42.345	ng	# 96
20) 3+4-Methylphenols	8.903	107	143399	44.546	ng	93
22) Acetophenone	8.962	105	175252	42.505	ng	95
24) Nitrobenzene	9.344	77	157124	49.469	ng	# 89
25) Isophorone	9.872	82	282966	46.036	ng	98
26) 2-Nitrophenol	10.060	139	63419	57.497	ng	98
27) 2,4-Dimethylphenol	10.113	122	112177	49.712	ng	94
28) bis(2-Chloroethoxy)met...	10.348	93	152468	41.951	ng	99
29) 2,4-Dichlorophenol	10.595	162	120746	47.554	ng	99
30) 1,2,4-Trichlorobenzene	10.818	180	128295	42.831	ng	96
31) Naphthalene	11.006	128	342813	41.609	ng	98
32) Benzoic acid	10.242	122	74086	44.660	ng	94
33) 4-Chloroaniline	11.106	127	68346	19.572	ng	96
34) Hexachlorobutadiene	11.294	225	91513	42.611	ng	99
35) Caprolactam	11.870	113	38586m	55.653	ng	
36) 4-Chloro-3-methylphenol	12.216	107	133428	45.252	ng	96
37) 2-Methylnaphthalene	12.604	142	250453	41.509	ng	95
38) 1-Methylnaphthalene	12.821	142	240077	40.770	ng	96
40) 1,2,4,5-Tetrachloroben...	12.968	216	155861	42.809	ng	# 97
41) Hexachlorocyclopentadiene	12.951	237	223267	103.455	ng	97
43) 2,4,6-Trichlorophenol	13.197	196	111852	47.973	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.268	196	117360	49.591	ng	95
46) 1,1'-Biphenyl	13.603	154	341024	41.845	ng	99
47) 2-Chloronaphthalene	13.644	162	269505	41.991	ng	97
48) 2-Nitroaniline	13.838	65	98510	56.122	ng	91
49) Acenaphthylene	14.490	152	452179	44.197	ng	98
50) Dimethylphthalate	14.214	163	356592	41.172	ng	99
51) 2,6-Dinitrotoluene	14.325	165	78829	53.907	ng	# 85
52) Acenaphthene	14.830	154	322972	49.275	ng	96
53) 3-Nitroaniline	14.654	138	56042	32.751	ng	83
54) 2,4-Dinitrophenol	14.860	184	97981	122.923	ng	# 83
55) Dibenzofuran	15.159	168	428235	40.008	ng	98
56) 4-Nitrophenol	14.954	139	139565	99.989	ng	# 80
57) 2,4-Dinitrotoluene	15.112	165	110380	54.402	ng	# 84
58) Fluorene	15.811	166	352854	40.441	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.383	232	112244	44.374	ng	98
60) Diethylphthalate	15.571	149	370299	40.503	ng	100
61) 4-Chlorophenyl-phenyle...	15.794	204	197018	40.945	ng	98
62) 4-Nitroaniline	15.817	138	82544	45.653	ng	85
63) Azobenzene	16.088	77	383586	39.255	ng	98
65) 4,6-Dinitro-2-methylph...	15.876	198	64970	52.808	ng	95
66) n-Nitrosodiphenylamine	16.005	169	315665	40.629	ng	99
67) 4-Bromophenyl-phenylether	16.693	248	138841	41.730	ng	98
68) Hexachlorobenzene	16.816	284	154026	43.069	ng	95
69) Atrazine	16.951	200	136222	47.550	ng	98
70) Pentachlorophenol	17.157	266	199361	89.856	ng	92
71) Phenanthrene	17.550	178	608294	41.202	ng	99
72) Anthracene	17.638	178	615142	42.148	ng	99
73) Carbazole	17.903	167	577644	39.963	ng	99
74) Di-n-butylphthalate	18.461	149	675007	42.747	ng	97
75) Fluoranthene	19.553	202	809404	43.190	ng	99
77) Benzidine	19.724	184	383929	50.776	ng	99
78) Pyrene	19.918	202	816334	40.143	ng	98
80) Butylbenzylphthalate	20.793	149	315300	43.709	ng	97
81) Benzo(a)anthracene	21.774	228	825394	42.047	ng	98
82) 3,3'-Dichlorobenzidine	21.680	252	203297	29.327	ng	99
83) Chrysene	21.844	228	752377	40.769	ng	99
84) Bis(2-ethylhexyl)phtha...	21.674	149	434194	44.260	ng	97
85) Di-n-octyl phthalate	22.919	149	733399	44.907	ng	96
87) Indeno(1,2,3-cd)pyrene	28.894	276	896539	43.997	ng	# 80
88) Benzo(b)fluoranthene	24.053	252	842043	45.553	ng	99
89) Benzo(k)fluoranthene	24.124	252	808058	44.431	ng	99
90) Benzo(a)pyrene	24.952	252	810872	51.823	ng	99
91) Dibenzo(a,h)anthracene	28.976	278	773591	46.072	ng	98
92) Benzo(g,h,i)perylene	30.092	276	768819	46.277	ng	99

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

