

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120721\
 Data File : BM033336.D
 Acq On : 07 Dec 2021 23:15
 Operator : CG/JU
 Sample : PB141209BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB141209BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021

Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 02:53:08 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120721.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 08 02:33:11 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	81100	20.000	ng	0.00
21) Naphthalene-d8	10.707	136	324885	20.000	ng	0.00
39) Acenaphthene-d10	14.536	164	193952	20.000	ng	0.00
64) Phenanthrene-d10	17.277	188	360906	20.000	ng	0.00
76) Chrysene-d12	21.442	240	313687	20.000	ng	0.00
86) Perylene-d12	23.765	264	316544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	623008	124.910	ng	0.00
7) Phenol-d6	7.090	99	795642	114.112	ng	0.00
23) Nitrobenzene-d5	9.078	82	601395	80.201	ng	0.00
42) 2,4,6-Tribromophenol	16.024	330	235906	112.867	ng	0.00
45) 2-Fluorobiphenyl	13.160	172	1100882	79.862	ng	0.00
79) Terphenyl-d14	19.889	244	1386118	84.194	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.402	88	66666	28.713	ng	Qvalue
3) Pyridine	3.808	79	160046	27.629	ng	# 95
4) n-Nitrosodimethylamine	3.713	42	139690	43.171	ng	99
6) Aniline	7.248	93	244223	30.928	ng	92
8) 2-Chlorophenol	7.484	128	229683	43.138	ng	99
9) Benzaldehyde	7.060	77	59274m	13.518	ng	100
10) Phenol	7.119	94	298268	42.782	ng	98
11) bis(2-Chloroethyl)ether	7.337	93	231476	42.276	ng	98
12) 1,3-Dichlorobenzene	7.801	146	259116	42.283	ng	99
13) 1,4-Dichlorobenzene	7.948	146	265121	42.560	ng	99
14) 1,2-Dichlorobenzene	8.266	146	255509	42.136	ng	98
15) Benzyl Alcohol	8.160	79	239008	41.350	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.443	45	406956	41.577	ng	99
17) 2-Methylphenol	8.360	107	199244	42.066	ng	99
18) Hexachloroethane	8.990	117	106324	44.650	ng	98
19) n-Nitroso-di-n-propyla...	8.719	70	196941	39.802	ng	98
20) 3+4-Methylphenols	8.690	107	260322	40.091	ng	99
22) Acetophenone	8.737	105	360488	40.875	ng	# 100
24) Nitrobenzene	9.119	77	311293	43.226	ng	100
25) Isophorone	9.642	82	481033	40.967	ng	100
26) 2-Nitrophenol	9.825	139	116839	43.077	ng	94
27) 2,4-Dimethylphenol	9.889	122	205727	46.847	ng	99
28) bis(2-Chloroethoxy)met...	10.119	93	288459	38.888	ng	98
29) 2,4-Dichlorophenol	10.366	162	205763	41.829	ng	97
30) 1,2,4-Trichlorobenzene	10.572	180	238878	41.514	ng	99
31) Naphthalene	10.760	128	720521	41.389	ng	99
32) Benzoic acid	10.031	122	126093	40.127	ng	98
33) 4-Chloroaniline	10.878	127	96275	14.228	ng	97
34) Hexachlorobutadiene	11.036	225	148244	41.356	ng	98
35) Caprolactam	11.672	113	58329	54.678	ng	99
36) 4-Chloro-3-methylphenol	12.001	107	232326	38.716	ng	99
37) 2-Methylnaphthalene	12.366	142	499058	41.590	ng	98
38) 1-Methylnaphthalene	12.583	142	458544	39.021	ng	99
40) 1,2,4,5-Tetrachloroben...	12.730	216	244623	43.618	ng	98
41) Hexachlorocyclopentadiene	12.707	237	346948	118.987	ng	100
43) 2,4,6-Trichlorophenol	12.977	196	158474	41.976	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120721\
 Data File : BM033336.D
 Acq On : 07 Dec 2021 23:15
 Operator : CG/JU
 Sample : PB141209BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB141209BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021

Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 02:53:08 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120721.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 08 02:33:11 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.048	196	168406	41.438	ng	98
46) 1,1'-Biphenyl	13.372	154	613092	41.761	ng	100
47) 2-Chloronaphthalene	13.419	162	475931	42.522	ng	99
48) 2-Nitroaniline	13.625	65	168269	41.844	ng	99
49) Acenaphthylene	14.260	152	751696	42.095	ng	99
50) Dimethylphthalate	14.001	163	563948	39.680	ng	99
51) 2,6-Dinitrotoluene	14.119	165	121811	42.541	ng	99
52) Acenaphthene	14.601	154	437895	40.612	ng	99
53) 3-Nitroaniline	14.454	138	73917	23.961	ng	98
54) 2,4-Dinitrophenol	14.654	184	137489	89.283	ng	94
55) Dibenzofuran	14.936	168	715141	39.588	ng	99
56) 4-Nitrophenol	14.772	139	206704	85.537	ng	97
57) 2,4-Dinitrotoluene	14.907	165	164383	42.005	ng	95
58) Fluorene	15.583	166	568436	40.037	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.166	232	136756	37.972	ng	98
60) Diethylphthalate	15.354	149	568190	39.032	ng	99
61) 4-Chlorophenyl-phenylether	15.577	204	278585	38.792	ng	99
62) 4-Nitroaniline	15.613	138	117296	35.678	ng	92
63) Azobenzene	15.871	77	648592	39.370	ng	99
65) 4,6-Dinitro-2-methylph...	15.660	198	86001	40.970	ng	97
66) n-Nitrosodiphenylamine	15.795	169	477089	44.516	ng	100
67) 4-Bromophenyl-phenylether	16.471	248	161003	43.208	ng	100
68) Hexachlorobenzene	16.583	284	176465	43.644	ng	99
69) Atrazine	16.742	200	161495	71.448	ng	97
70) Pentachlorophenol	16.930	266	218706	96.371	ng	97
71) Phenanthrene	17.318	178	857922	42.597	ng	100
72) Anthracene	17.413	178	866012	44.094	ng	99
73) Carbazole	17.683	167	768509	39.621	ng	100
74) Di-n-butylphthalate	18.236	149	886860	41.589	ng	100
75) Fluoranthene	19.324	202	931196	40.429	ng	99
77) Benzidine	19.512	184	324535	82.723	ng	99
78) Pyrene	19.689	202	956161	44.401	ng	99
80) Butylbenzylphthalate	20.577	149	383334	43.307	ng	99
81) Benzo(a)anthracene	21.424	228	856453	41.668	ng	99
82) 3,3'-Dichlorobenzidine	21.359	252	259746	27.691	ng	99
83) Chrysene	21.477	228	853367	43.282	ng	99
84) Bis(2-ethylhexyl)phtha...	21.342	149	539890	43.599	ng	99
85) Di-n-octyl phthalate	22.242	149	926291	44.361	ng	99
87) Indeno(1,2,3-cd)pyrene	26.147	276	1038331	45.618	ng	99
88) Benzo(b)fluoranthene	23.059	252	903707	45.648	ng	100
89) Benzo(k)fluoranthene	23.106	252	864526	44.080	ng	99
90) Benzo(a)pyrene	23.665	252	873386	52.918	ng	100
91) Dibenzo(a,h)anthracene	26.153	278	894820	46.720	ng	99
92) Benzo(g,h,i)perylene	26.877	276	902237	47.666	ng	99

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

